Issued Spring 1992

University of Massachusetts at Boston

Bulletin

Summer 1992

at UMass/Boston

Division of Continuing Education
University of Massachusetts at Boston
Harbor Campus
100 Morrissey Blvd.
Boston, MA 02125-3393

Second Class Postage is PAID
Boston, MA 02109

Explore

Summer at UMass/Boston

You'll find

- a distinguished faculty and fine facilities
- **morning, midday, afternoon, and evening classes**
- over 400 course selections
- **convenient locations**
- sessions starting June 1, July 7, and July 20
- **mail, phone, fax, or walk-in registration**
- and costs you can afford

To learn more, look inside

The University

The University of Massachusetts at Boston is a public university, founded in 1964. Its faculty, distinguished both for scholarship and for dedication to teaching, works closely with students to maintain individual academic relationships. The resultant atmosphere of trust and camaraderie promotes rich opportunities for development in the pursuit of a superior education.

The University	2
Registration Form: Credit Courses	2
Academic Calendar	3
Summer Session Courses: Registration, Fees, and Payments	3
Academic Information	5
Undergraduate Courses	5
Graduate Courses	23
Non-Credit Programs	27
Registration Form: Non-Credit Courses	28
Summer Activities and Services	28
Important Offices and Locations	29
Campus Map and Travel Directions	30
Questions and Answers	32

UMass/Boston's academic units include five separate colleges: the College of Arts and Sciences, the Graduate College of Education, the College of Management, the College of Nursing, and the College of Public and Community Service. The University offers undergraduates a solid foundation in the liberal arts and preparation for careers in such fields as business, education, government, industry, law, medicine, scientific research, and the social services. Graduate students at UMass/Boston pursue advanced study in the central liberal arts disciplines, in business administration, in education, in nursing, and in such new or developing areas of study as clinical psychology, computer science, gerontology, human services, and environmental sciences. A complete list of the University's academic programs appears on the last page of this bulletin.

UMass/Boston has two campuses: the Harbor Campus, which is three miles south of downtown Boston on Dorchester Bay, and the Downtown Center, in Boston's Park Plaza. For directions to these campuses, see page 30.

The University offers numerous undergraduate and graduate courses during its summer sessions, as well as a number of non-credit programs. The courses and programs for summer, 1992, are described in this bulletin.

Students who have graduated from high school or who have earned certificates of general educational development are welcome to take summer session courses at the University of Massachusetts at Boston. College-bound high school juniors and seniors interested in beginning their college educations are also invited to take summer session courses.

Summer session courses carrying credit are equivalent in method and content to regular University courses. Credits earned in these courses may be applied toward UMass/Boston degree requirements and are ordinarily accepted as transfer credits by other colleges and universities.

Summer enrollment does not imply acceptance into a degree program at the University of Massachusetts at Boston. Any student who wishes to matriculate at the University must submit an application through the Admissions Office. If the student does matriculate, as many as sixteen undergraduate credits, or six graduate credits, earned during the summer, may be counted toward degree requirements.

Registration Form

Continuing Education, Summer, 1992

CE Staff Initials

Social Security #: ___ – ___ – ____

Name (Last / First / Middle Initial)

Address (No. & Street / City / State / Zip)

Daytime Phone ( ) Evening Phone ( )

Sex: ○ Male ○ Female Date of Birth (Month / Day / Year)

Current UMass/Boston Student? ○ Non-Matriculated ○ Matriculated ___ Major ○ Undergraduate ○ Graduate

Student at other college or university? ○ Yes ○ No If yes, where? ___

Ethnic Survey Information (Required by Federal Government)

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Alien
F. White Non-Hispanic
G. Other ___
H. Do not wish to report

If you have already registered, do not use this form; instead, to register for additional courses or to drop a course, see Adding and Dropping Courses, page 4.

Please follow the example below when indicating course selections. Be sure to include six-digit schedule numbers.

Sched. No.	Title	Dept. & Course No.	Starting Date	Credits		Course Fee/Cr.		Lab Fee (if any)		Total Course & Lab Fee
123456	SAMPLE COURSE	EDUC 234	JUNE 1	3	x	95.00	+	–	=	$ 285.00

Course Selections

Sched. No.	Title	Dept. & Course No.	Starting Date	Credits		Course Fee/Cr.		Lab Fee (if any)		Total Course & Lab Fee
					x		+		=	
					x		+		=	
					x		+		=	
					x		+		=	
					x		+		=	

Full payment must accompany all registrations

Method of Payment

○ VISA ○ MasterCard ○ Check ○ Discover Card ○ Waiver ○ Other

Make checks payable to:
Continuing Education, UMass/Boston
Send payment and form to:
UMass/ Boston
Continuing Education, Box C
100 Morrissey Blvd.
Boston, MA 02125-3393

Method of Registration

○ Mail ○ FAX ○ Phone ○ Walk in

MasterCard, VISA, and Discover Card Only

You may pay fees through one of these three credit cards. To do so, please provide the information requested.

Account Number

Expiration Date

Student Signature

Cardholders Name

If a student is eligible for a refund, the refund will be made only as a credit to a MasterCard, VISA, or Discover Card account.

Authorization #

Certified by:

Course Fees

Undergraduate	$95.00/credit
Graduate	$110.00/credit
Please calculate payment below.	
Course and Lab Fees (total)	
Total Service Fees	$58.25
Additional Fees	
Subtotal	
Late Fee (if applicable)	$25.00
Total Payment Enclosed	

Improperly completed forms and/or checks cannot be accepted, and therefore will be returned unprocessed.

For Continuing Education Office Use Only

This form is the only record of your registration. Please make a copy.

Academic Calendar

	First Six-Week Session June 1–July 15	First Four-Week Session June 1–July 1	Nine-Week Session June 1–July 30	Second Six-Week Session July 20–August 27	Second Four-Week Session July 7–August 5
Registration Begins	April 13 (M)	April 13 (M)	April 13 (M)	April 13 (M)	April 13 (M)
Holiday	April 20 (M)	April 20 (M)	April 20 (M)	April 20 (M)	April 20 (M)
Registration Deadline	May 15 (F)	May 15 (F)	May 15 (F)	June 26 (F)	June 22 (M)
Late Registration*	May 18-19 (M–Tu)	May 18-19 (M-Tu)	May 18-19 (M-Tu)	June 29-30 (M, Tu)	June 23 (Tu)
Waiver Registration**	May 18-19 (M-Tu)	May 18-19 (M-Tu)	May 18-19 (M-Tu)	June 29-30 (M, Tu)	June 23 (Tu)
Registration Center Closed	May 20-22 (W-F)	May 20-22 (W-F)	May 20-22 (W-F)	May 20-22 (W-F)	May 20-22 (W-F)
Holiday	May 25 (M)	May 25 (M)	May 25 (M)	June 17 (W)	June 17 (W)
Late Registration—Walk-In Only***	May 26 (Tu)	May 26 (Tu)	May 26 (Tu)	July 1 (W)	June 24 (W)
Registration Center Closed	May 27-29 (W-F)	May 27-29 (W-F)	May 27-29 (W-F)	July 16-17 (Th-F)	July 16-17 (Th-F)
Classes Begin	June 1 (M)	June 1 (M)	June 1 (M)	July 20 (M)	July 7 (Tu)
Add/Drop Deadline	June 5 (F)	June 5 (F)	June 5 (F)	July 24 (F)	July 13 (M)
Holiday	June 17 (W), July 3 (F)	June 17 (W)	June 17 (W), July 3 (F)	July 3 (F)	July 3 (F)
Pass/Fail and Withdrawal Deadline	June 29 (M)	June 22 (M)	July 15 (W)	August 17 (M)	July 27 (M)
Last Day of Class and Final Exam	July 15 (W)	July 1 (W)	July 30 (Th)	August 27 (Th)	August 5 (W)

See "Location Key" on page 30 for a campus map and an explanation of building, floor, and room codes (e.g., M/3/618).

*A $25 late fee will be assessed for mail, fax, telephone, or walk-in registration conducted during this period.

**Mail, fax, and walk-in only. Waiver registration cannot be accepted by telephone. Registration for students qualifying for waivers will be conducted only during the waiver registration period for each session, and only for courses given during that session. Students registering with waivers during this period will not be charged a late fee. (See Course Fee Waiver and Remission Policy, page 4.)

***Walk-in only. A $25 late fee will be assessed. Registration cannot be accepted by telephone or fax during this period.

Note: Certain courses and special programs may have different starting and ending dates. Please be sure to consult the description of the course or program in which you are interested for specific information.

Registration Hours
Monday–Thursday 8:30am–6:00pm
Friday 9:00am–4:00pm

Summer Session Courses: Registration, Fees, and Payments

Registration for All Sessions, April 13-May 15

Students can register during the period from April 13 through May 15 for courses scheduled to begin at any time during the summer. It is advisable to register as early as possible before the summer sessions begin. Early registration is the best way for students to assure themselves places in the courses of their choice.

After May 15, late registration for the first six-week session, the nine-week session, and the first four-week session is possible, though not advisable (see "Late Registration" below). Students may continue registering without penalty after May 15 for the second six-week session and the second four-week session, until the registration deadlines indicated in the Academic Calendar.

Students should be aware that one week before each session begins, all courses in that session that have not reached minimum enrollment will be cancelled.

Registration by Mail

To register by mail for summer session courses, fill out the registration form on page 2 and send it with payment to:

Summer Session Registration
Division of Continuing Education, Box "C"
University of Massachusetts at Boston
Harbor Campus
100 Morrissey Blvd.
Boston, MA 02125-3393

Registrations will be accepted on the basis of available space. Full payment must accompany the registration form (see the "Fees and Payments" section of this publication). Registrations must be postmarked by the registration deadlines indicated in the Academic Calendar.

Registration by Telephone or Fax

Students wishing to pay course and service fees by using MasterCard, VISA, or Discover may register by telephone or fax. To register by telephone, call 617 287-7916 from 8:30am until 6:00pm Monday through Thursday and 9:00am until 4:00pm Fridays. Please fill out registration form and be ready to refer to it before calling. To register by fax, use 617 287-7922 twenty-four hours a day, seven days a week. Please do not call on dates (indicated in the Academic Calendar) when the Registration Center is closed. Note: Unfortunately, telephone and fax registration is available only to students using MasterCard,VISA or Discover.

Walk-In Registration

Students who would rather register in person may do so according to the schedule in the Academic Calendar. Walk-in registration will take place at the Summer Session Registration Center. Please note that walk-in registration will not be available on dates (indicated in the Academic Calendar) when the Registration Center is closed.

Summer Session Registration Center location and hours: Wheatley Hall, second floor, room 203 (Side Entrance), Harbor Campus: M-Th 8:30am-6:00pm, F, 9:00am-4:00pm

Late Registration

Late registration will take place at the Summer Session Registration Center (see location above) during the periods listed in the Academic Calendar, and also up to the add/drop deadline for each session. Students registering during the late registration period must pay a $25.00 fee and should be aware that courses they wish to take may be filled or cancelled.

Course Fees

Undergraduate	$95.00 per credit*
Graduate	$110.00 per credit*

Note: the standard course fee for a 1-credit undergraduate course would be $95.00; and for a 3-credit course, $285.00. In a few cases, however, a course fee may be calculated differently, because of special costs, or a subsidy. In these cases, the course fee is always included as part of the course description.

Lab Fees

Lab fees must be paid for certain courses as indicated in the schedule listings. The amounts of fees appear under schedule numbers for those courses requiring fees. The lab fee for each course must be paid at the time of registration.

Service Fees (Mandatory for All Students)

Registration Fee	$20.00
Educational Service Fee	5.00
Student Health Fee	20.00
Student Activities Fee	7.00
Student Athletics Fee	6.25
Late Registration Fee (when applicable)	25.00
Returned Check Fee (when applicable)	25.00

Independent Study

Only UMass/Boston students may register for Independent Study.

Undergraduates register through the Scheduling Office, located in the Office of Registration and Records, after satisfying any departmental prerequisite(s). Undergraduates pay state course fees which are subject to residency requirements.

Graduate students register through the Division of Continuing Education at normal Continuing Education course fees.

* Subject to Board of Trustees approval

Spring, 1992
Volume 12, Number 3

The University of Massachusetts at Boston Bulletin (U.S.P.S. 566-090) is published quarterly and distributed free of charge by the University of Massachusetts at Boston, Harbor Campus, Boston, Massachusetts 02125-3393. Second-Class Postage Paid at Boston, MA 02109. Postmaster: Send address changes to: The University of Massachusetts at Boston, Harbor Campus, 100 Morrissey Blvd., Boston, Massachusetts 02125-3393.

•

The information in this publication is provided solely for the convenience of the reader, and the University of Massachusetts at Boston expressly disclaims any liability which may otherwise be incurred. While every effort has been made to ensure the accuracy of the information in this publication, the University reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, or any other subject addressed in this publication.

•

The University of Massachusetts at Boston is an affirmative action/equal opportunity employer and prohibits discrimination on the basis of race, color, sex, age, religion, national origin, seal orientation or preference, handicap condition, or veteran status in its employment, in the recruitment, admission, and treatment of students, and in its policies and programs, as required by federal and state laws and regulations. All inquiries regarding Title IX of the Educational Amendments of 1972 and/or Section 504 of the Rehabilitation Act of 1973 may be directed to the Director of Affirmative Action, University of Massachusetts at Boston, Harbor Campus, Boston, MA, 02125, 617 929-7075. Inquiries regarding the application of the non-discrimination policy may also be directed to the Coordinator or the Assistant Secretary for Civil Rights, US Department of Education.

•

The University of Massachusetts at Boston is accredited by the New England Association of Schools and Colleges, which accredits schools and colleges in the six New England states. Membership in the Association indicates that the institution has been carefully evaluated and found to meet standards agreed upon by qualified educators. The University of Massachusetts at Boston is a member of the North American Association of Summer Sessions and the National University Continuing Education Association. The University is also a member of the Council of Graduate Schools of the United States and the Northeastern Association of Graduate Schools.

•

This bulletin is produced and distributed at no cost to the Commonwealth of Massachusetts.

Registration, Fees and Payments (continued)

Location Key

Harbor Campus

- **W** Wheatley Hall
- **M** McCormack Hall
- **S** Science Center
- **H** Healey Library
- **A** Quinn Administration Building
- **C** Clark Athletic Center

Building, floor, and room numbers are given in that order for specific locations. Examples: M/2/618 refers to McCormack Hall, second floor, room 618. M/3/618 refers to McCormack Hall, third floor, room 618. Please note that a room number may be found on more than one floor in the same building. The room number (618, in this case) does not indicate what floor the room is on.

Downtown Center

- The first digit of each number indicates the floor.

Enrolling in Undergraduate Courses

The University assumes that students registering for undergraduate courses will accurately assess their ability to do college-level work. It is the responsibility of students to meet prerequisites for individual courses.

College of Arts and Sciences Distribution Requirements

Please note that many courses described in this publication fulfill College of Arts and Sciences (CAS) distribution requirements, as indicated by a note following the course description that refers to the "Distribution Area" to which the course belongs. Those whose numbers are preceded by "C" are distribution courses which also meet the College's Core Requirement. Although they are open to non-matriculated students, all of the "distribution courses" meet specific requirements for CAS matriculated students. To be sure they take distribution courses that will meet their own particular degree requirements, all CAS matriculated students should, before registering, pick up advising materials concerning distribution requirements from the University Advising Center (M/3/625; 617 287-5500). Materials concerning the CAS writing proficiency requirement are available from the Core Curriculum Program (M/4/603; 617 287-6330).

Enrolling in Graduate Courses

To be admitted to any graduate-level course a student must have earned a bachelor's degree, unless other requirements are specified in this bulletin or unless written permission is obtained from the faculty member teaching the course.

Payment of Course and Service Fees

Students must pay course and service fees in full (except for the Computer Services Fee: see below) before their registrations will be accepted. No payment will be accepted after the Add/Drop deadline of the session for which payment is intended. Students may use the following methods to make payment:

Check:

- Please make out a separate check to cover the course fee (and lab fee, if applicable) for each course that is being requested, and a separate check for total service fees (Registration, Educational Service, Health, Activities, and Athletics; see Summer Session Courses: Registration, Fees, and Payment). Submission of separate check payments for each course allows the University to return payments immediately for an individual course that is no longer available. Any student who combines payment into one check does so at the risk of having the entire application returned or waiting until after the Add/Drop period for a refund.

Please make checks payable to the University of Massachusetts at Boston Continuing Education.

A payment of course and service fees made with a check returned by our bank will result in administrative withdrawal, an additional returned check fee of $25.00, and referral to a collection agency, which may result in liability for the payment of a collection fee.

MasterCard, VISA, or Discover:

- The University will accept payment by MasterCard, VISA, or Discover for all summer session course and service fees. The minimum acceptable credit card payment is $25.00. Please fill out the appropriate section of the registration form when registering by mail.

Cash:

- After having your completed registration form verified at the Summer Registration Center (Wheatley Hall, second floor, room 203 side entrance), cash payments are made only at the Bursar's Office at the Harbor Campus. (Administration Building, second floor; M-F, 9:00am-3:30pm.) The Bursar's Office will give you a receipt, which you must return to the Summer Registration Center and submit with your registration form.

Payment by Outside Agencies

- If the student's charges are to be paid by an outside agency, a payment authorization from that agency must accompany his or her registration. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not provide payment.

Computing Services Fee

There is a $25.00 computing services fee charged to participants in any course that uses the Central Computer Center facilities, which include a VAX terminal room, IBM-PC labs, Macintosh labs, and an Apple lab. Course instructors will notify students at the first class meeting if this fee applies; in some cases, students who already have access to personal computers will not have to pay the computing services fee.

Please note: The computing services fee for each course cannot be paid at the time of registration. It must be paid after the student is already registered for the course. Students registered for any course requiring this fee should bring a check for $25.00, payable to the UMass/Boston Computer Trust Fund, to the Computing Services Terminal Room, room 015, Upper Level, Healey Library. This office is open Monday-Thursday, 9am-10pm, Friday and Saturday 9am-5pm, Sunday 12noon-7pm. A valid summer session ID card and proof of summer registration are required. Cash or credit card payments cannot be accepted.

Course Fee Waiver and Remission Policy

The Division of Continuing Education will waive or partially remit course fees for those persons meeting the eligibility requirements described below, providing the courses they wish to take are adequately supported by fees from paying students, and providing space is available. Credit course fee waiver and remission policies apply only at the standard rate of $95.00* per undergraduate credit and $110.00 *per graduate credit. Thus, in the case of a credit course with extraordinary costs necessitating a higher than standard course fee, course fee waivers and remission will be granted for only the amount of the standard course fee. Registration fees, service fees, and other mandatory fees, except in the case of senior citizens, must be paid in full. Anyone wishing to apply for course fee waivers or remissions must do so when registering for courses; the policy is not retroactive. See the Academic Calendar for registration dates, times and location.

Vietnam-era veterans are eligible for course fee waivers under the following conditions:

1. They must be matriculated in a program leading to a degree or certificate.
2. They must not previously have had more than 130 credits of course fees waived.
3. If they did not enter service while residing in the Commonwealth of Massachusetts, they must file an affidavit under oath attesting to their having resided in the Commonwealth for two consecutive years immediately preceding enrollment.
4. They must have their registration form approved by UMass/Boston's Veterans Affairs Office.

Senior citizens are eligible for a waiver of all fees upon submission of a notarized Senior Citizen Affidavit at the time of registration.

Full-time state employees are eligible for a 50% course fee remission upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

Full-time employees of public higher education, their spouses, and their dependent children are eligible for a 50% course fee remission upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

The Division of Continuing Education cannot honor vouchers issued to cooperating practitioners by the state-funded programs of the University of Massachusetts at Amherst, Boston, Lowell, Dartmouth, or Worcester.

* Subject to Board of Trustees approval.

Cancellations

Summer session courses are conducted through the Division of Continuing Education, which is supported by student course fees. No state funding is used to pay faculty salaries and meet overhead expenses. The Division must therefore cancel under-enrolled courses. Before classes begin each term — generally during the week after the regular registration deadline — the Division projects enrollments according to the numbers of students already registered and decides whether to cancel courses that may be under-enrolled. Students are therefore encouraged to register early.

Any student who has registered for a course that is cancelled may register for another course or request a refund. The course fee will be refunded in full to any student who has paid for a cancelled course and does not wish to register for another course in its place. If all courses for which the student has registered are cancelled, service fees will also be refunded.

Refunds upon Withdrawal

A student who withdraws from a course will be granted a refund according to the schedule below. Non-attendance does not constitute withdrawal. Any student withdrawing from a credit course must file a valid withdrawal form at the Summer Session Registration Center. Any student withdrawing from a non-credit course must file a valid withdrawal form with the Continuing Education Office.

For courses scheduled for ten or more class meetings:

- Withdrawal before the first class meeting — 100% Refund
- Withdrawal before the second class meeting — 90% Refund
- Withdrawal before the third class meeting — 50% Refund
- Withdrawal after the third class meeting — No Refund

For courses scheduled for 6-9 class meetings:

- Withdrawal before the first class meeting — 100% Refund
- Withdrawal before the second class meeting — 80% Refund
- Withdrawal after the second class meeting — No Refund

For courses scheduled for 1-5 class meetings:

- Withdrawal before the first class meeting — 100% Refund
- Withdrawal after the first class meeting — No Refund

Refund Procedure

Whenever a refund is due, either because the student wishing the refund has withdrawn from a course or because the University has cancelled the course, the student must initiate the refund procedure by notifying the Summer Session Registration Center at the Harbor Campus (Wheatley Hall, second floor, room 203, side entrance) either in person or by fax or mail. Refunds will not be processed until after the Add/Drop periods.

The amounts of all refunds are computed on the basis of withdrawal dates established by the Office of Registration and Records.

If a student has made a payment with MasterCard, VISA, or Discover, the refund must be returned as a credit to the card holder's account. Please be sure to provide the number of the account to be credited.

Unless a course has been cancelled by the University, the $20 registration fee is not refundable. Please allow six to eight weeks for the processing of any refund.

Adding and Dropping Courses

Any student may add or drop courses before the Add/Drop deadline (see Academic Calendar). The student must obtain an Add/Drop form from the Summer Session Registration Center at the Harbor Campus (Wheatley Hall, second floor, room 203, side entrance), have the form signed by the instructors of the courses added, and return the form to the Summer Session Registration Center.

Auditing

The auditing of certain courses may be possible with the permission of the department and the instructor. The auditing fee is the same as the course fee. Permission to audit a course will be granted on a space-available basis.Instructor approval may be obtained during the first class session. A completed audit application must accompany a student's registration form. Students may not change their registration from credit to audit or from audit to credit. Inquiries concerning the auditing of courses should be directed to the Division of Continuing Education Office, 617 287-7900.

Withdrawing from Courses

Any student withdrawing from a course after the Add/Drop deadline (see Academic Calendar) will receive a grade of "W" for that course. Withdrawal forms are available at the Summer Session Registration Center at the Harbor Campus (Wheatley Hall, second floor, room 203, side entrance). Failure to submit a withdrawal form before 4:00pm on the last day of the withdrawal period will result in a grade of "F".

Non-attendance does not constitute withdrawal.

Transcripts

All students who wish transcripts sent to other schools must complete request forms in the Office of Registration and Records. The cost of an official transcript is $2.00.

Further Information

For further information about registering for summer session courses, call 617 287-7900.

Academic Information

Pass/Fail Option

Most summer courses may be taken on a Pass/Fail basis. It is the student's responsibility to ascertain whether it is appropriate to take any given course on a Pass/Fail basis.

Students visiting from other institutions should check with their home institutions regarding transfer credit policies. UMass/Boston students should obtain the advance permission of their advisor before registering to take a course on a Pass/Fail basis. A total of eight courses may be taken on a Pass/Fail basis by matriculated UMass/Boston students while the student is an undergraduate. When the student earns a Pass (P) grade, credits for the course count as graduation credits; but the grade has no bearing on the student's cumulative average. A Fail (F) grade affects the student's cumulative average as a regular "F" would.

During the summer the following Pass/Fail regulations apply to matriculated UMass/Boston students:

1. Only one course may be taken on a Pass/Fail basis.
2. A course taken Pass/Fail cannot exceed five credits.
3. A summer course taken on a Pass/Fail basis counts toward the maximum allowed number of eight.
4. A student wishing to take a course on a Pass/Fail basis must fill out a Pass/Fail card, available at the Wheatley Registration Center (Wheatley Hall, first floor). Any student submitting two Pass/Fail cards in one summer will not be allowed to take either course on a Pass/Fail basis.
5. A Pass/Fail card, once submitted, cannot be withdrawn after the Pass/Fail deadline of the session in question (see Academic Calendar).

Regulations

Normal University regulations apply during the summer session, unless otherwise specified. Students are advised to consult the copies of these regulations available at the Office of Student Life (Wheatley Hall, fourth floor, room 180).

Academic Standing

A matriculated student who has been dismissed or suspended, or who is on academic probation, may not register for summer courses, and may not enroll as a non-matriculated student. For more complete information regarding retention, please refer to the "Academic Regulations" section of the UMass/Boston undergraduate catalog.

All non-matriculated students are subject to the following minimum retention standards:

Total UMass/Boston credits	Minimum cumulative average
1-11	1.75
12 and above	2.00

A non-matriculated student who does not meet these retention standards shall be dismissed from the University. All appeals for reinstatement should be directed to the Faculty Council Committee on Standards and Credit. The materials required for such an appeal are 1) a typed letter of appeal stating a) the reasons leading to the academic standing; b) the student's academic goals; and 2) transcripts from other schools attended. A letter of recommendation from a UMass/Boston faculty member, accompanying these materials, is optional. These materials should be submitted to: Faculty Council Committee on Standards and Credit, Office of Registration and Records, University of Massachusetts at Boston, Harbor Campus, 100 Morrissey Blvd., Boston, MA 02125-3393. The deadlines for submitting reinstatement appeals are June 1 for summer or fall registration and November 1 for spring registration.

Grades

Letter grades reported by instructors are given numerical values according to the following chart.

A	4.0
A-	3.75
B+	3.25
B	3.0
B-	2.75
C+	2.25
C	2.0
C-	1.75
D+	1.25
D	1.0
D-	.75
F	.00
Inc	Incomplete
Y	Interim grade in a declared year-long course
W	Withdrawn
NA	Non-Attending

The grade of Incomplete is reported only if personal circumstances of extreme difficulty, such as serious illness, have kept a student from completing a portion of his or her required class work or from taking a final examination; or if an instructor requests that an Incomplete be given for scholarly reasons. If a student's record is such that he or she would fail a course regardless of the quality of work yet to be done, an "F" will be reported.

A student can obtain credit for an Incomplete taken in the summer term only by finishing the work of the course by the end of the following summer term. If the work is not completed by this time, the grade will be changed to an "F". The initiative for removal of the Incomplete grade rests with the student.

An Incomplete on a final grade report is not represented in the student's temporary grade point average. When the Incomplete is later converted to a grade, the average is calculated again and the student is notified.

Once a grade is submitted, it cannot be changed except by approval of the department chairperson.

Undergraduate Courses

Academic Skills

AS 034
Fundamentals of Algebra
●
This is a course for students who have mastered arithmetic but not beginning algebra. They are either students who never studied algebra in high school, or who studied it so long ago or so ineffectively that they must approach all introductory algebra topics as new rather than review material. The course's goals are to introduce students to algebraic notation and concepts so that they will be successful in Math 110, and in introductory physical and social science courses; and to help them develop successful study and test-taking techniques. The course covers algebraic expressions — their simplification, combination, and evaluation; linear equations — how to solve them, graph them, and use them to solve word problems; scientific notation and proportions. The course includes quizzes and four exams. To pass the course, students must take the placement exam during pre-registration and place into Math 110, miss no more than three classes, and satisfactorily complete the assigned work.
Prerequisite: Math Diagnostic Test only.

Note: The fee for this two-credit course is $285.*

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/020, Staff, 2 Credits,
Sched No 708806

Accounting and Finance

Note: The Accounting and Finance Department is part of UMass/Boston's College of Management. For a listing of AF courses, see Management, page 14.

American Studies

AmSt 101
Popular Culture in America
●
This course introduces students to the varieties of popular culture in America, including popular literature, live entertainment, radio, movies, and television. In-depth case studies of such particular forms of popular culture as humor and music are included.In class viewing and listening accompany case studies.
Distribution Area: Historical and Cultural Studies.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/2/127, Mr Danker, 3 Credits,
Sched No 703551

AmSt C202
The Twenties
●
This course focuses on the impact of World War I, and of the post-war social, economic, and political environment, on selected issues of American life in the 1920s: the rise of social and political intolerance; the businessman as hero and anti-hero; the "lost" generation; the "New Woman" and the "New Negro."
Distribution Area: Historical and Cultural Studies.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
M/2/428, Ms Raub, 3 Credits,
Sched No 703101

AmSt 204
The Forties
●
A study of the history and culture of the 1940s.The course focuses on the social, political, and scientific effects of World War II, rather than on the conduct of the war itself.
Distribution Area: Historical and Cultural Studies.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
M/2/428, Mr Atwood, 3 Credits,
Sched No 703751

AmSt 205
The Fifties
●
The course considers the culture of the 1950s, including writers like Kerouac, Ellison, Hemingway, and Miller, and phenomena such as the Cold War, McCarthyism, and the "other-directedness" that supposedly dominated the period. The work of social scientists like Riesman and Galbraith is considered, as well as that of novelists and playwrights.
Distribution Area: Historical and Cultural Studies.

Afternoon
July 20-August 27, MW
1:30-4:30pm, Harbor Campus
W/2/127, Mr Danker, 3 Credits,
Sched No 703951

AmSt C206
The Sixties
●
The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist, and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade. Films are shown when appropriate.
Distribution Area: Historical and Cultural Studies.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
M/1/608, Ms Natoli, 3 Credits,
Sched No 703301

Afternoon
July 20-August 27, TuTh
1:30-4:30pm, Harbor Campus
M/2/417, Mr Goff, 3 Credits,
Sched No 703351

AmSt 310
TV in American Life
●
The American experience with television and its cultural, political, and economic implications. Topics include technological innovation, entrepreneurship, the changing cultural content of "prime-time" programming, public broadcasting and cable system capabilities.

Midday/Afternoon
July 20-August 27, MTuWTh
11:45am-1:15pm, Harbor Campus
M/2/621, Ms Lindsey, 3 Credits,
Sched No 704155

AmSt 312
Country Music in America
●
This course examines the history and nature of American country music. Taking an interdisciplinary approach, the course considers historical, social, economic, and cultural aspects of the subject. Topics include central themes, song types, and musical styles; the role of the mass media and the music business; the nature of residual oral traditions; the significance of evangelical religion and sacred song; and the oral contexts of rural life versus urbanization and industrialization in the 20th century.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/2/200, Mr Danker, 3 Credits,
Sched No 704355

AmSt 380
The Kennedys of Boston
●
This course provides a background on the Kennedys and their times. It analyzes some of the political and cultural processes of which the Kennedys were a part, and in particular traces the rise of the family in the context of the Boston Irish. Audio-visual material will be used where appropriate to examine the role played by the media, that is, print, film, and television, then and now, in forming popular images of the Kennedy family.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/2/200, Mr Danker, 3 Credits,
Sched No 704555

This is the Cape. Can you dig it? And do you get the point? The answer is yes, if you enroll in the Special Program in Archaeology on Cape Cod (page 6).

Undergraduate Courses (continued)

Analysis and Communication in Management

Note: The Department of Analysis and Communication in Management is part of UMass/Boston's College of Management. For a listing of ACM courses, see Management, page 14.

Anthropology

Anth C100
Culture and Human Behavior
●
Our own daily behavior is often taken for granted as rational or logical, while the behavior of other groups is often seen as "strange" and incomprehensible. Looked at closely, however, the apparently strange behavior of others may become more understandable, while our own behavior may seem less rational and less ordinary. Focusing comparatively on the contemporary United States and on non-western societies, this course examines selected human activities, such as eating, play and sport, and making a living. The aim is to learn how the concepts and methods of sociocultural anthropology, as one of the social and behavioral sciences, can help us understand human behavior, both our own and that of people in other times and places.
Distribution Area: Social and Behavioral Sciences.

Afternoon
July 20-August 27, MW
1:30-4:30pm, Harbor Campus
M/1/608, Ms Kavanagh, 3 Credits,
Sched No 705204

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
M/1/428, Ms Kavanagh, 3 Credits,
Sched No 705159

Anth 102
Introduction to Archaeology and Biological Anthropology
●
The study of the biological and cultural heritage of humans. Topics include primate and human evolution, evolution of prehistoric cultures, and human adaptation and variation.
Distribution Area: Natural Sciences.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
M/2/206, Mr Gibbons, 3 Credits,
Sched No 705604

July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
M/2/206, Mr Fazel, 3 Credits,
Sched No 705654

Anth 103
Introduction to Cultural Anthropology
●
The study of recent and contemporary human societies in cross-cultural perspective. Through the use of ethnographic accounts, the course analyzes and compares variations in processes of cultural change, and in cultural adaptations.
Note: Anth 102 is not a prerequisite to Anth 103.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/053, Mr Fazel, 3 Credits,
Sched No 705854

Evening
July 20-August 27, MW
6:00-9:00pm, Downtown Center
505, Ms Kavanagh, 3 Credits,
Sched No 705909

Anth C271
People and Cultures of the Middle East
●
An examination of historical and sociopolitical forces in the formation of the contemporary Middle East; the cultural, ethnic, and economic diversity of modern nation-states in this region; neo-colonialism and imperialism as persisting obstacles to development and progress in this part of the world; and the role of Islam in reformist and revolutionary movements.
Distribution Area: Historical and Cultural Studies.

Midday/Afternoon
June 1-July 1, MTuWTh
11:45am-1:45pm, Harbor Campus
W/1/058, Mr Fazel, 3 Credits,
Sched No 705404

Anth Z280
Special Topics: Roots of Arab-Israeli Conflict
●
This course will examine the historical and religious-political factors that have been central to the Arab-Israeli conflict. Of special interest will be the plight of the Palestinian inhabitants of the occupied territories, and the recent peace process brokered by the United States.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/053, Mr Fazel, 3 Credits,
Sched No 706103

Special Program: Archaeology on Cape Cod

Sponsored by the Department of Anthropology, the field school in interdisciplinary archaeology will focus on the recently discovered Late Prehistoric/Early Historic Period Native American horticultural settlement on Cape Cod. The remains of living structures, prehistoric shell middens, horticultural field remains, and evidence of early European contact make this site one of the most important to be discovered in New England. The program's focus is on uncovering further field remains and exploring other portions of the site. Program topics include training in site preparation, excavation and recording techniques, site mapping and artifact processing; assisting in the collection and processing of soil samples used in interdisciplinary research such as the analysis of plant remains. Successful participants will earn six undergraduate credits from UMass/Boston.

The field school will run four days a week, for approximately eight hours a day. Three of these days will be spent on the site with the fourth day spent processing materials in the laboratories of UMass. The program fee of $675 (plus a $20 registration and $5 educational service fee) includes all equipment and supplies, but does not include meals, housing, or transportation to and from the site. Participants must present proof that they have health insurance.

Enrollment is limited, and priority will be given to those who submit completed applications by April 15. For further information and application materials, call Dr. Stephen Mrozowski, Department of Anthropology, 617-287-6850.
Prerequisite: Permission of instructor.

June 1-July 15,
By Arrangement,
Mr Mrozowski, 6 Credits,
Sched No 706303

Art

Art C100
The Language of Art
●
The course teaches students to begin to understand the processes of artistic creation. It enables the student to grasp the expressive content of works of art in a wide variety of media and to analyze how the artist creates his or her effect. It is not an historical survey. Through lectures, discussions, field trips, and museum visits, the student studies paintings, sculptures, and buildings with examples chosen as often as possible from the Boston area. The course addresses such concepts as rhythm, pacing, elements of stability versus change, and the possibilities of differing interpretations of subject matter through formal variations. It offers a solid introduction to the arts by developing the student's ability to see, and to analyze form viewed as the result of aesthetic and interpretive decisions.
Distribution Area: The Arts.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
M/3/407, Ms Bookbinder, 3 Credits,
Sched No 706703

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/3/430, Mr Barr, 3 Credits,
Sched No 706753

Art 201
Ancient and Medieval Art
●
The course offers an historical survey of art and architecture of the ancient world, giving particular emphasis to Egyptian, Greek and Roman cultures. Students are also introduced to the arts in Medieval Europe, with a special focus on the Romanesque and Gothic styles.
Distribution Area: The Arts.

Midday/Afternoon
June 1-July 15, MTuWTh
11:45am-1:15pm, Harbor Campus
M/3/407, Ms Bookbinder, 3 Credits,
Sched No 706953

Art 202
Renaissance to Modern Art
●
An historical survey of Western art and architecture from the fifteenth century to the twentieth century. The course deals with different aspects of the art of the Renaissance in Italy and the North, the Baroque and Rococo, Neoclassicism and Romanticism, Realism and Impressionism, and Post Impressionism. The last few sessions introduce through broad surveys, the art of major non-Western cultures: African, Oriental, and Amerindian.
Distribution Area: The Arts.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
M/3/407, Ms Dugin, 3 Credits,
Sched No 707157

Art 210
American Art in Boston
●
This course surveys American painting and architecture from colonial times to the early twentieth century, with a particular emphasis on art and architecture in the Boston area. Classes consist of both slide lectures and field trips, to examine American paintings and sculpture at the Museum of Fine Arts and to visit such significant Boston buildings as Trinity Church and the Boston Public Library. Students are introduced to some major movements in American art (Neoclassicism, Romanticism, Realism), to the work of such leading Boston artists as Washington Allston, and to the artistic taste of Boston patrons.
Distribution Area: The Arts.

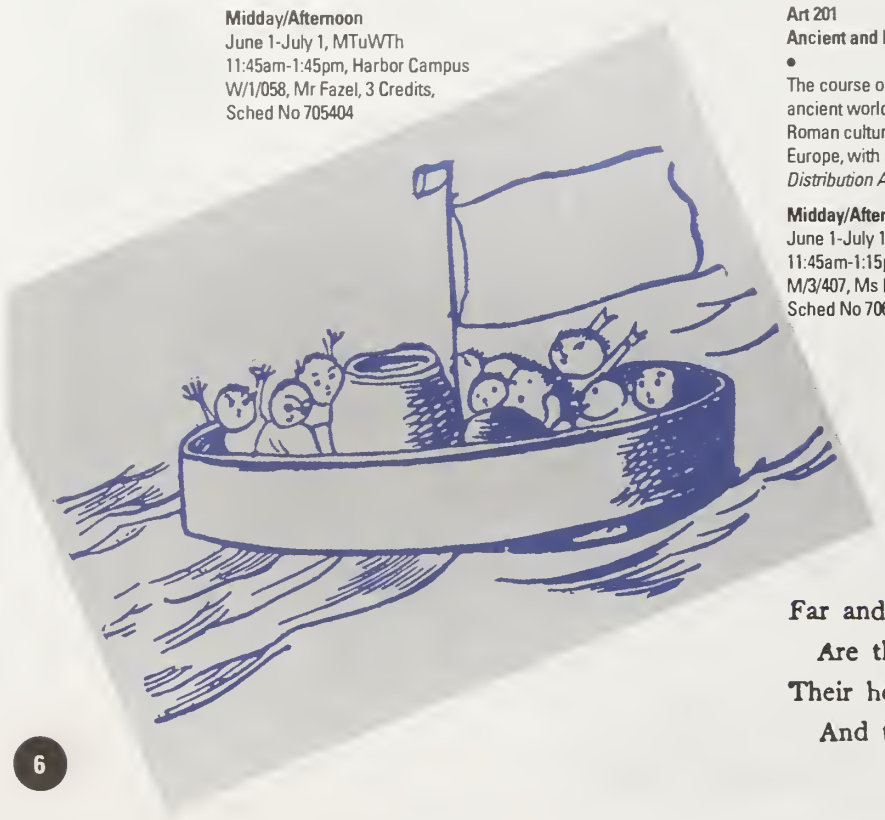
Afternoon
June 1-July 15, TuTh
1:30-4:30pm, Harbor Campus
M/3/407, Ms Quinn, 3 Credits,
Sched No 707357

Art 250
Art of the Twentieth Century
●
An analysis of the art of the twentieth century involves fundamental issues of form and content shared by all the arts. Taking a threefold approach — formal, critical, and historical — this course examines the development of modern painting, sculpture, and architecture, as well as the ascendant art forms of photography, video, and performance. It analyzes general theories and specific works in detail. Through class discussions, reading assignments, papers, and field trips, the student learns that the formal problems posed by twentieth-century visual art are closely related to those in literature, music, and theater, for they are problems of structure and definition, harmony and rhythm, diction and coherence. The student thus develops critical capabilities that he or she can apply to works by Picasso or Eliot, Matisse or Ravel.
Prerequisite: Sophomore standing.
Distribution Area: The Arts.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/3/407, Ms Scollans, 3 Credits,
Sched No 707557

Art 265
Film Analysis
●
Any thorough and systematic study of film, because of its essentially interdisciplinary nature, must address concerns and problems common to other forms of artistic expression such as literature, theater, painting, and photography. The particular approach taken in this course to the study of film offers an encounter with the works that goes beyond the conventional experience of theater and TV viewing and employs special methods of projection that permit detailed analysis by means of the use of slow motion and still frame techniques. The films thus studied will include examples of classic Hollywood, contemporary American, and foreign feature films, and the documentary. The course is not primarily historical in emphasis; rather its concerns are the visual language of film, its use as the vehicle for narrative and theme, and major film types and styles. Special attention is given to the analysis and interpretation of sequences from the films studied in class.
Prerequisite: Sophomore standing.
Distribution Area: The Arts.

Afternoon
July 20-August 27, MTuW
1:30-4:30pm, Harbor Campus
M/3/407, Mr Putnam, Lab Fee: $30.00, 3 Credits,
Sched No 707757



What do you mean it doesn't make sense? That's because you haven't yet taken CCT 697g (page 25).

Far and few, far and few,
Are the lands where the Jumblies live:
Their heads are green, and their hands are blue
And they went to sea in a sieve.

Important: You must fill in the correct six digit schedule number and starting date for each course, in order for your registration form to be complete. An incomplete form cannot be accepted, and will be returned to you unprocessed. Please be sure to complete your form.

Art 281
Drawing I

Basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of human beings and their environment. Problems in still life, landscape, and life drawing.
Distribution Area: The Arts.

Midday/Afternoon
June 1-July 15, TuWTh
12:30-4:00pm, Harbor Campus
H/8/009, Ms Callahan, 3 Credits,
Sched No 707957

Art 293
Photography I

An introduction to basic issues in photography. The mechanics of the camera, the techniques of the darkroom, and matters of creative and personal import are addressed through illustrated lectures, class critiques, and assigned lab hours. Some attention is given to the history of photography. Please note that two lab sessions per week are required.
Distribution Area: The Arts.

Midday/Afternoon
Lect: July 20-August 27, TuWTh
12:00-4:00pm, Harbor Campus
H/8/025, Ms Swartz, 4 Credits,
Sched No 708151

Lab: July 20-August 27, MF
12:00noon-4:00pm, Harbor Campus
H/8/025, Ms Swartz, Lab Fee: $45.00,
Sched No 708206

Art 340
Critical Visions: Censorship in Art, 1800-1990

This course examines the power of images during the nineteenth and twentieth centuries, the expectations that artists, the public, and governments had of images, and the behavioral and critical responses that resulted in repression and censorship. Certain kinds of imagery provide more evidence than others of personal and cultural responsiveness — billboards; posters; caricatures; illustrations; advertising; political leaflets; pornographic art; imagery by and about women, children, and minority cultures; public art — most of which are considered to be popular rather than high art. The course explores the high and the low in the critical visions of such sociallly or politically engaged artists as Goya, Gericault, Courbet, Daumier, Cruikshank, Steinlen, Kollwitz, Grosz, Heartfield, Shahn, Gropper, Picasso, Rivera, Chicago, Mapplethorpe, and Serra. Consideration is also given to the contributions of Artists Against War and Fascism, Artists' Equity, and the National Endowment for the Arts in the struggle against government intervention in art; to some of the kinds of censorship and destruction of art; to the dampening effects of attitudes during the Cold War; to repressive "watchdog" groups; to marginalization and blacklisting. Two museum or gallery tours will be incorporated into the course.
Prerequisite: Art 202 or 250, or permission of department.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
M/3/407, Ms Steinberg, 3 Credits,
Sched No 708345

Biology

Biol 101
The Basis of Life

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.
Distribution Area: Natural Sciences.

Morning
June 1-July 1, MTuWThF
8:15-9:50am, Harbor Campus
M/1/409, Mr Hagar, 3 Credits,
Sched No 710207

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/1/004, Ms Halpern, 3 Credits,
Sched No 710257

Biol 105
Economic Botany

The origin, botanical relationships, domestication and history of plants useful to humans and of economic importance, emphasizing our dependence on cultivated plants and our influence on the vegetation of the world. No background in the natural sciences is required.
Distribution Area: Natural Sciences.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
S/2/066, Mr Wilkes, 3 Credits,
Sched No 710457

Biol 108
Introduction to Nutrition

Introduction to the elements of nutrition with emphasis on nutrition for humans: examination of foodstuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences required.
Distribution Area: Natural Sciences.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
S/2/009, Mr Bradley, 3 Credits,
Sched No 710657

July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
S/2/009, Mr Bradley, 3 Credits,
Sched No 710752

Afternoon
July 20-August 27, MW
1:30-4:30pm, Harbor Campus
M/1/409, Mr Toto, 3 Credits,
Sched No 710807

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
M/1/409, Mr Wilkes, 3 Credits,
Sched No 710702

Biol 111
General Biology I

An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Distribution Area: Natural Sciences.

Morning
Lect: June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
M/1/409, Mr Murray, 4 Credits,
Sched No 711001

Lab: June 1-July 15, MW
12:00-3:00pm, Lab Fee $20.00,
Sched No 711106

Evening
Lect: June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/1/409, Mr Murray, 4 Credits,
Sched No 711051

Lab: June 1-July 15, TuTh
6:00-9:00pm, Lab Fee $20.00,
Sched No 711156

Biol 112
General Biology II

An integrated course stressing the principles of biology. Life processes are examined primarily at the organismal and population levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Distribution Area: Natural Sciences.
Prerequisite: Biol 111.

Morning
Lect: July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
M/1/409, Mr Toto, 4 Credits,
Sched No 711356

Lab: July 20-August 27, MW
12:00-3:00pm, Lab Fee: $20.00,
Sched No 711451

Evening
Lect: July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/004, Mr Bradley, 4 Credits,
Sched No 711401

Lab: July 20-August 27, TuTh
6:00-9:00pm, Lab Fee: $20.00,
Sched No 711506

Special Program: Marine Biology on Nantucket Island

June 8-August 14

Every summer the Biology Department of UMass/Boston offers a small program of courses at the University's Field Station in Quaise, Nantucket. Students admitted to these courses will be housed at the field station, located on 114 acres of moor, marsh, and private beach about three miles from the town of Nantucket. Students interested in these courses should contact Professor Ruth Bennett of the Biology Department, at 617 287-6600. Application deadline: May 1, 1992.

Biol 200
Field Biology on Nantucket:
Coastal Ecology

Investigations into the natural history and community dynamics of salt marshes, sea grass beds, mud flats, and beaches. Field exercises on the adaptations and interactions of marine organisms are emphasized.
Prerequisite: Permission of instructor.

June 8-July 10, By Arrangement,
Nantucket, Lab Fee: $20.00, 5 Credits,
Sched No 711706

Biol 346
Marine Ecology

The organisms of marine and coastal habitats and their adaptations to the physiochemical parameters of marine environments. The structure and function of marine communities and ecosystems. Laboratory and field work.
Prerequisites: Biol 211 and 252 or permission of instructor.

July 13-August 14, By arrangement,
Nantucket, Lab Fee: $20.00, 5 Credits,
Sched No 713259

Biol 207
Anatomy and Physiology I

A study of the human organism, correlating structure and physiological mechanisms. Emphasis on skin, the special senses, and the skeletal, articular, muscular, nervous, and endocrine systems. Required for nursing students and human performance/fitness majors.
Distribution Area: Natural Sciences.
Prerequisite: Biol 111 or equivalent.

Morning
Lect: June 1-July 1, MTuWThF
9:00-11:00am, Harbor Campus
M/2/116, Mr Guimond, 4 Credits,
Sched No 711906

Lab: June 1-July 1, MWF
11:15am-2:15pm, Lab Fee:$20.00,
Sched No 712005

Lab: June 1-July 1, TuThF
11:15-2:15, Lab Fee $20.00,
Sched No 712055

Lab: June 1-July 1, MWF
2:30-5:30pm, Lab Fee:$20.00,
Sched No 711956

Biol 208
Anatomy and Physiology II

A continuation of Biol 207. Emphasis on the digestive, circulatory, respiratory, excretory, and reproductive systems. Required for nursing students and physical education/fitness majors.
Prerequisite: Biol 207.

Morning
Lect: July 7-August 5, MTuWThF
9:00-11:00am, Harbor Campus
M/2/116, Mr Dean, 4 Credits,
Sched No 712255

Lab: July 7-August 5, MWF
11:15am-2:15pm, Lab Fee: $20.00,
Sched No 712300

Lab: July 7-August 5, TuThF,
11:15am-2:15pm, Lab Fee: $20.00,
Sched No 712350

Biol 209
Medical Microbiology

An introduction to viruses, bacteria, fungi, and protozoa which may be pathogenic to humans and animals; and to immunology, epidemiology, and clinical microbiology. The laboratory introduces sterile techniques, maintenance of pure cultures, isolation, identification, and immunological methods. Note: This course is for nursing majors. Biology majors should take Biol 334 for microbiology.
Distribution Area: Natural Sciences.
Prerequisites: Biol 111; Chem 103 and 104, or Chem 107 and 108, or equivalent.

Note: Lectures in this course are in the evening or the afternoon; labs are in the evening or the morning.

Morning
Lab: June 1-July 15, TuTh
10:00am-1:00pm, Harbor Campus,
Ms Greene, Lab Fee: $40.00,
Sched No 712655

Lab: June 1-July 15, MW
10:00am-1:00pm, Lab Fee $40.00,
Sched No 712700

Afternoon
Lect: June 1-July 15, TuTh
1:30-4:30pm, Harbor Campus
S/1/006, Ms Greene, 4 Credits,
Sched No 712550

Lab: July 20-August 27, MW
2:00-5:00pm, Lab Fee: $40.00,
Sched No 712750

Evening
Lect: July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/1/409, Staff, 4 Credits,
Sched No 712605

Lab: July 20-August 27, TuTh
6:00-9:00pm, Lab Fee: $40.00,
Sched No 712805

Biol 302
Histology

A survey of the structure and organization of tissues and organ systems, primarily of mammals. Cellular physiology is considered as it relates to structure, ultrastructure, and staining characteristics.
Prerequisite: Biol 211 or equivalent.

Morning
Lect: June 1-July 1, MTuWThF
8:00-9:30am, Harbor Campus
W/4/049, Ms Harrison, 4 Credits,
Sched No 713009

Lab: June 1-July 1, MTuWTh
9:45-11:45am,
Lab Fee: $25.00,
Sched No 713059

Undergraduate Courses (continued)

Black Studies

BlkSty 480
Three Freedom Fighters

•

This course deals with the lives and times of three African-Americans: Harriet Tubman, Ida B Wells and Malcolm X. Using biographical and autobiographical sources, the course attempts to explore different phases of the struggle by blacks for justice, equality, and human dignity. Major themes include slavery, Jim Crow and lynching.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Downtown Center
507, Mr Nteta, 3 Credits,
Sched No 713659

Chemistry

Chem 103
Chemical Principles I

•

Introduction to the fundamental principles of chemistry including atomic structure, stoichiometry, the periodic table of the elements, chemical bonding, molecular structure, and states of matter based on kinetic theory. elementary thermodynamics, atomic and bonding theories. This course is intended for majors in any of the sciences, including predental, premedical, and pre-engineering students.
Distribution Area: Natural Sciences.

Morning
Lect: June 1-July 15, MTuWTh
10:00-11:15am, Harbor Campus
S/1/006, Staff, 4 Credits,
Sched No 714053

Disc: June 1-July 15, Tu or W or Th
11:30am-12:20pm, Harbor Campus
S/1/006. Assignments will be made at the first class meeting. For information call 287-6130.

Lab: June 1-July 15, MW
12:30-3:30pm, Lab Fee: $65.00,
Sched No 714158

Lab: June 1-July 15, TuTh
12:30-3:30pm, Lab Fee: $65.00,
Sched No 714203

Evening
Lect: June 1-July 15, MTuWTh
5:30-6:45pm, Harbor Campus
S/1/006, Staff, 4 Credits,
Sched No 714108

Disc: June 1-July 15, W
7:00-7:50pm, Harbor Campus
S/1/006

Lab: June 1-July 15, TuTh
7:00-10:00pm, Lab Fee: $65.00,
Sched No 714253

Chem 104
Chemical Principles II

•

Introduction to acid-base systems, elementary thermodynamics, chemical kinetics and equilibria, electrochemistry, oxidation-reduction reactions, and a survey of the chemical properties of elements based on principles already introduced. Laboratory work presents qualitative and quantitative analysis. This course is intended for majors in any of the sciences, including predental, premedical, and pre-engineering students.
Prerequisite: Chemistry 103.
Distribution Area: Natural Sciences

Morning
Lect: July 20-August 27, MTuWTh
10:00-11:15am, Harbor Campus
S/1/006, Staff, 4 Credits,
Sched No 714653

Disc: July 20-August 27, Tu, W or Th
11:30am-12:20pm. Harbor Campus
S/1/006. Assignments will be made at the first class meeting.
For information call 287-6130

Lab: July 20-August 27, MW
12:30-3:30pm, Lab Fee: $65.00,
Sched No 714758

Lab: July 20-August 27, TuTh
12:30-3:30pm, Lab Fee: $65.00,
Sched No 714803

Evening
Lect: July 20-August 27, MTuWTh
5:30-6:45pm, Harbor Campus
S/1/006, Staff, 4 Credits,
Sched No 714708

Disc: July 20-August 27, W
7:00-7:50pm, Harbor Campus
S/1/006

Lab: July 20-August 27, TuTh
7:00-10:00pm, Lab Fee: $65.00,
Sched No 714853

Chem 107
Introduction to Chemistry I

•

A survey of the theoretical principles of general inorganic chemistry. Topics include atomic and molecular structure, bonding, chemical reactions, solution, pH, stoichiometry, and radiochemistry. This course is intended for students of nursing.
Distribution Area: Natural Sciences.

Morning
Lect: June 1-July 15, MTuWTh
9:00-10:15am, Harbor Campus
M/2/423, Staff, 4 Credits,
Sched No 715257

Disc: June 1-July 15, Th
10:30-11:20am, Harbor Campus
M/2/423,
Sched No 715352

Lab: June 1-July 15, MW
10:30am-12:30pm, Lab Fee: $65.00,
Sched No 715302

Chem 108
Introduction to Chemistry II

•

A brief survey of organic and biological chemistry. Topics include structure, nomenclature, and the nature of organic compounds. Emphasis is on preparation for biological applications. Carbohydrates, lipids, proteins, and nucleic acids are introduced. The structures and metabolism of important biochemical molecules are considered. This course is intended for students of nursing.
Prerequisite: Chem 107.
Distribution Area: Natural Sciences.

Morning
Lect: July 20-August 27, MTuWTh
9:00-10:15am, Harbor Campus
M/2/423, Staff, 4 Credits,
Sched No 715552

Disc: July 20-August 27, Th
10:30-11:20am, Harbor Campus
M/2/423

Lab: July 20-August 27, MW
10:30am-12:30pm, Lab Fee: $65.00,
Sched No 715607

Chem 253
Organic Chemistry I

•

An intensive survey of structure, reactions, and synthesis of the main classes of organic compounds. Laboratory illustrates the preparation, purification, and identification of organic compounds by classical and instrumental methods.
Prerequisite: Chem 104
Distribution Area: Natural Sciences

Morning
Lect: June 1-July 15, MTuWTh
10:00-11:15am, Harbor Campus
S/2/009, Staff, 4 Credits,
Sched No 715857

Disc: June 1-July 15, M or Tu or Th
11:30am-12:20pm, Harbor Campus
S/2/009. Assignments will be made at the first class meeting.
For information call 287-6130

Lab: June 1-July 15, MW
1:00-4:00pm, Lab Fee: $65.00,
Sched No 715952

Lab: June 1-July 15, TuTh
1:00-4:00pm, Lab Fee: $65.00,
Sched No 715902

Chem 254
Organic Chemistry II

•

A continuation of Chemistry 253.
Prerequisite: Chem 253.
Distribution Area: Natural Sciences.

Morning
Lect: July 20-August 27, MTuWTh
10:00-11:15am, Harbor Campus
S/2/009, Staff, 4 Credits,
Sched No 716306

Disc: July 20-August 27, M or Tu or Th
11:30am-12:20pm, Harbor Campus
S/2/009. Assignments will be made at the first class meeting. For information call 287-6130

Lab: July 20-August 27, MW
1:00-4:00pm, Lab Fee: $65.00,
Sched No 716401

Lab: July 20-August 27, TuTh
1:00-4:00pm, Lab Fee: $65.00,
Sched No 716356

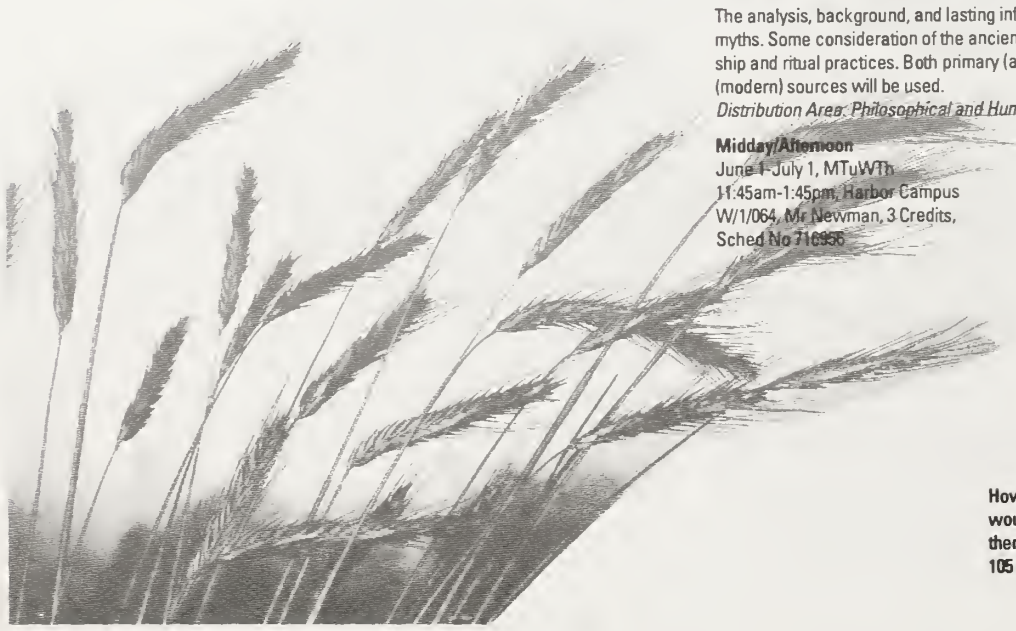
Classics

Clsics 284
Greek and Roman Mythology

•

The analysis, background, and lasting influence of Greek and Roman myths. Some consideration of the ancients' beliefs about divinity, worship and ritual practices. Both primary (ancient authors) and secondary (modern) sources will be used.
Distribution Area: Philosophical and Humanistic Studies.

Midday/Afternoon
June 1-July 1, MTuWTh
11:45am-1:45pm, Harbor Campus
W/1/064, Mr Newman, 3 Credits,
Sched No 716956



How important are plants? You wouldn't want to live without them, as demonstrated by Biol 105 (page 7).

Computer Science

Please note: All computer science (CS) courses have been renumbered by the Department of Mathematics and Computer Science. Their former codes and numbers are indicated in parentheses. For further information contact the Department.

CS 110P
Introduction to Computing: Pascal

•

(Formerly Math D137P). An introduction to computer programming — the concepts involved in use of a higher level language and in the program development process. The goal of this course is proficiency in the design and implementation of programs of significant size and complexity. This course is quite demanding because of the length of the programming exercises assigned. This is the first course in the computer science sequences. CS 110 is taught using one of two programming languages, Pascal and FORTRAN-77. Students planning to continue in computer science must take CS 110P (Pascal). CS 110F (FORTRAN) is appropriate only for certain pre-engineering students, who should consult the Engineering Program for course selection advice.
Prerequisite: Math 140 or Math Diagnostic Test.
Distribution Area: Mathematics and Computer Languages.

Note: Students who have taken CS 110P (Pascal) will not be granted credit for CS 110F (FORTRAN).

Note: The fee for this four-credit course is $410.

Morning
June 1-July 30, MTuTh
10:00-11:30am, Harbor Campus
W/2/124, Mr Lutts, 4 Credits,
Sched No 722208

CS 210
Intermediate Computing With Data Structures

•

The design and implementation of computer programs in a higher level language, with emphasis on proper design principles, proper utilization of advanced programming concepts, advanced features of programming languages such as pointers, recursion and types of parameter passing. Efficient design, implementation and debugging techniques are stressed. The assignments are designed to introduce the student to a variety of topics in computing: text processing, sorting, compiling, and translation techniques. The language of instruction is Pascal.
Prerequisite: Fluency in Pascal, established by the successful completion of CS 110P/Math 137P, or permission of the instructor.
Distribution Area: Mathematics and Computer Languages.

Note: The fee for this four-credit course is $410.

Morning
June 1-July 30, MTuTh
8:15-9:45am, Harbor Campus
W/2/124, Mr Lutts, 4 Credits,
Sched No 722608

CS 320
Applied Discrete Mathematics

•

(Formerly Math 330). An introduction to the mathematical structures used in computing: sets, mathematical induction, ordered sets, Boolean algebras, predicate calculus, trees, relations and lattice theory, formal theory of languages, and automata theory. Formal and informal theories and corresponding mathematical proofs are taught.
Prerequisites: CS 210 (Math 138) and Math 260; or permission of instructor.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/2/126, Staff, 3 Credits,
Sched No 722808

Economics

Econ 101
Introduction to Microeconomics

•

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on the functioning of markets and on examining the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.
Prerequisite: Math 110 or equivalent.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/064, Mr Ferleger, 3 Credits,
Sched No 723852

July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/064, Mr Abdullah, 3 Credits,
Sched No 723907

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/1/064, Mr Pujari, 3 Credits,
Sched No 723802

July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/064, Mr Pujari, 3 Credits,
Sched No 723957

Econ 102
Introduction to Macroeconomics
●
A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on examining the overall functioning of the economy and on dealing with such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.
Prerequisites: Econ 101, and Math 110 or equivalent.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus,
W/1/064, Mr Cotton, 3 Credits,
Sched No 724206

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/064, Mr Chiong, 3 Credits,
Sched No 724151

July 20-August 27 MTuWTh
8:15-9:45am, Harbor Campus
W/1/064, Mr Abdullah, 3 Credits,
Sched No 724256

July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/1/064, Mr Srivastava, 3 Credits,
Sched No 724301

See "Location Key" on page 30 for a campus map and an explanation of building, floor, and room codes (e.g., M/3/618).

Econ 201
Microeconomic Theory
●
Analysis of consumer and firm behavior, and of the determination of prices and quantities in both product and factor markets. Equilibrium of the household, the firm, and the industry. Implications of alternative market structures. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.
Prerequisites: Econ 101 and Math 129 (or 130), or placement into Math 135 (or 140).
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/061, Mr Abdullah, 3 Credits,
Sched No 724501

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/009, Mr Hussain, 3 Credits,
Sched No 724551

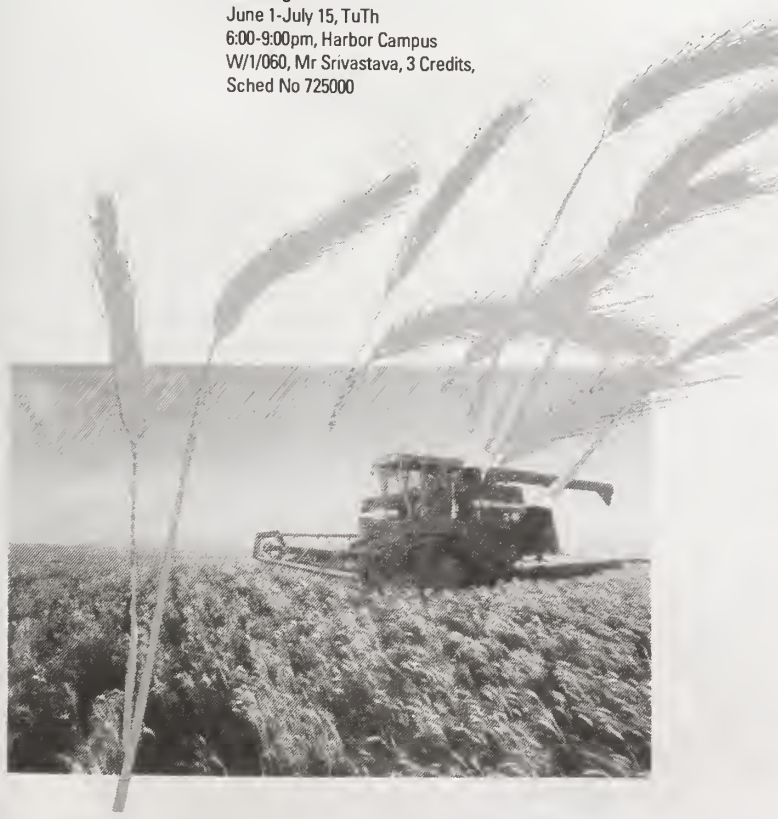
Econ 202
Macroeconomic Theory
●
An investigation of the forces determining national output, employment, and inflation. Particular attention is paid to those government policies which attempt to affect the overall level of economic activity in the US. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.
Prerequisites: Econ 102, and Math 129 (or 130), or placement into Math 135 (or 140).
Distribution Area: Social and Behavioral Sciences.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/062, Mr Martin, 3 Credits,
Sched No 724806

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/1/009, Mr Chiong, 3 Credits,
Sched No 724751

Econ 205
Statistical Methods
●
A non-calculus introduction to statistical inference aimed at familiarizing students with common statistical concepts so they will be able to make intelligent evaluations of technical reports. Topics include descriptive statistics; probability, including the normal distribution; hypothesis testing, including t-tests; analysis of variance; regression and correlation.
Prerequisites: Econ 101 and 102, and Math 129 or 130 (or placement into Math 135 or 140).
Distribution Area: Mathematics and Computer Sciences.

Morning
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/060, Mr Srivastava, 3 Credits,
Sched No 725000



Econ 208
History of Economic Thought
●
A discussion of the rise and development of systematic thought. Both orthodox and heterodox economic ideas are studied in light of the social and historical context in which they developed. The course covers the origins of mercantilist thought, the physiocrats and classical political economy through Marx, the German historical school, the marginalist school, institutional economics. Keynesian and post-Keynesian thought.
Prerequisites: Econ 101 and 102.
Distribution Area: Social and Behavioral Sciences

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/061, Mr Wolozin, 3 Credits,
Sched No 725200

Econ 325
American Economic History
●
The economic history of the United States, beginning with the colonial period and the economic basis of the Revolutionary War. Subsequent topics include the industrial revolution in the US, the economic basis for slavery and the Civil War, the broad-scale conflict between capital and labor during and after World War I, the weakness of the US economy during the 1920s, and the Great Depression of the 1930s.
Prerequisites: Econ 101 and 102.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/062, Mr Ferleger, 3 Credits,
Sched No 725400

Econ 331
Money and Financial Institutions
●
An economic analysis of financial institutions and markets in the US economy. Topics include the commercial banking system and other depository institutions; economic and institutional factors in the determination of the money supply; and financial markets. Emphasis is given to the formulation and implementation of monetary policy by the Federal Reserve and to debates over current policy issues.
Prerequisites: Econ 101 and 102.

Morning
July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
W/1/061, Mr Martin, 3 Credits,
Sched No 725650

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/1/020, Mr Martin, 3 Credits,
Sched No 725600

Econ 335
International Economics
●
The theory of international trade; theory and practice of commercial policy; international finance: the balance of payments, adjustment mechanisms, and alternative monetary systems.
Prerequisites: Econ 101 and 102.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/1/054, Mr Hussain, 3 Credits,
Sched No 725850

Econ 336
Economic Development
●
Topics include the economic meaning of underdevelopment; the role played by different kinds of resources; the evaluation of alternative "strategies" for economic growth and development; and the interaction between the problems of the underdeveloped countries of Africa, Asia, and Latin America and the policies of the US and other developed countries.
Prerequisites: Econ 101 and 102.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/061, Mr Morrison, 3 Credits,
Sched No 726054

Econ 351
Economic Philosophy
●
An introduction to the basic behavioral assumptions of modern economics, and a comparison of these with the views of human nature and behavior presented in other disciplines and studies of humankind. Participants read and report on a wide range of materials from economics and from such related disciplines in the social sciences and humanities as sociology, psychology, philosophy, political science, and literature.
Prerequisites: Econ 101 and 102, or permission of instructor.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/012, Mr Wolozin, 3 Credits,
Sched No 726254

Econ 390
Labor Market Economics
●
A broadly-based analysis of labor as an economic resource, covering the main problems and issues in labor markets. Primarily a non-institutional course, it gives the student a foundation for further investigation into particular aspects of labor economics.
Prerequisites: Econ 101 and 102.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/062, Mr Cotton, 3 Credits,
Sched No 726454

Econ 391
Unions and Collective Bargaining
●
Historical overview of the development of the US labor movement and of labor institutions; examination of traditional economic theories of wage determination and of the impact of collective bargaining; radical critique of traditional theories; development of alternative explanations for low-wage labor markets.
Prerequisite: Econ 101; Econ 102 is recommended.

Morning
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/020, Mr Morrison, 3 Credits,
Sched No 726654

Engineering

Engin 103
Introduction to Engineering
●
This course, required for all freshmen engineering students, introduces various fields of engineering through the use of selected engineering design problems. It also asks students to examine the kind of ethical problems engineers encounter in the course of their work.
Prerequisite: Math 130.

Evening
July 20-August 27, MTuW
5:00-7:00pm, Harbor Campus
S/2/066, Staff, 3 Credits,
Sched No 735453

Engin 200
Systems Analysis I
(Electrical Engineering)
●
Physical characteristics and mathematical models of system elements; techniques for writing and solving system dynamic equations, with application to electronic circuits and other types of systems.
Prerequisite: Sophomore standing, engineering major.

Evening
June 1-July 15, MTuW
7:15-9:15pm, Harbor Campus
S/2/066, Staff, 3 Credits,
Sched No 735653

Engin 201
Digital Systems Theory
(Electrical Engineering)
●
An introduction to the theory of digital circuits stressing general techniques for the analysis and synthesis of combinational and sequential logic systems.
Prerequisite: Sophomore standing, engineering major.

Note: Students taking Engineering 201 cannot receive credit for Physics 374.

Evening
June 1-July 15, MTuW
5:00-7:00pm, Harbor Campus
S/2/066, Staff, 3 Credits,
Sched No 735853

Undergraduate Courses (continued)

Engin 212
Active Networks I
•
Active network theory, biasing, device modes and linear equivalent circuits; multispace feedback, tuned and power amplifiers; power supplies, regulators and active switches.
Prerequisite: Engin 200.

Evening
July 20-August 27, MTuW
7:15-9:15pm, Harbor Campus
S/2/066, Staff, 3 Credits,
Sched No 736057

Engin 282
Active Networks Laboratory I
•
An electronics laboratory to accompany the second semester sophomore level electrical engineering course, Active Networks I (Engin 212). Topics: Diode and transistor circuits, operational amplifiers and linear IC, power supplies, resistors, and active switches.
Prerequisite: Engin 271.
Corequisites or Prerequisites:: Engin 211, 212, 272, or permission of instructor.

Note: The fee for this one credit course is $120.00

Evening
July 20-August 27, Th
6:00-9:00pm, Harbor Campus,
Staff, Lab Fee: $15.00, 1 Credit,
Sched No 736257

English

Note: Freshman English (English 101 and 102) is prerequisite for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses; see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Engl 101
Freshman English I
•
Small class instruction and practice in grammar, rhetoric, and the articulation of logical thought. Practice in writing for college courses on various kinds of topics, many from experience and observation, chosen to develop the student's confidence and ability. Readings and materials vary from section to section, but all sections require a minimum of eight 600-word papers.

Note: This course satisfies the first half of the College of Arts and Sciences writing requirement.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/010, Mr Phillips, 3 Credits,
Sched No 730308

Midday/Afternoon
June 1-July 15, MTuWTh
11:45am-1:15pm, Harbor Campus
W/1/019, Ms Anger, 3 Credits,
Sched No 730203

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/019, Mr Hurley, 3 Credits,
Sched No 730253

July 20-August 27, MTuWTh
11:45am-1:15pm, Harbor Campus
W/1/019, Ms Anger, 3 Credits,
Sched No 730358

Engl 102
Freshman English II
•
Continuation of Engl 101, with emphasis on topics and writing assignments of the kinds encountered in many types of college courses. Readings and materials vary from section to section, but all sections require a minimum of seven papers, including a longer research paper.

Note: This course satisfies the second half of the College of Arts and Sciences writing requirement.

Morning
July 20-August 27 MTuWTh
8:15-9:45am, Harbor Campus
W/1/010, Ms Fattori, 3 Credits,
Sched No 730853

June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/010, Mr Maloof, 3 Credits,
Sched No 730758

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/1/019, Staff, 3 Credits,
Sched No 730803

July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/019, Staff, 3 Credits,
Sched No 730908

Engl Z106
Oral Communication
•
This course focuses on improvement of interpersonal, small group, and public communications skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.

Morning
July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
W/1/019, Ms Woodward, 3 Credits,
Sched No 731457

Evening
June 1-July 15, MW
6:00-9:00pm, Downtown Center
505, Ms Hamilton, 3 Credits,
Sched No 731352

July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/1/019, Ms Hamilton, 3 Credits,
Sched No 731407

Engl C130
Introduction to the Art of Literature
•
Fiction, poetry, drama, essays — what they are and what they mean. An introduction to ways of seeing and understanding literature: its genres, its forms, its styles, its methods and meaning. We explore the common ground between literature and the other arts, while keeping in view the crucial differences.
Distribution Area: The Arts.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/020, Staff, 3 Credits,
Sched No 729256

Engl 200
Practical Criticism
•
Concentrated study of a few literary texts and of fundamental critical approaches to them. Although some attention will be given to theoretical matters, the emphasis primarily is on the reading of fiction, poetry, and drama (works selected from various historical periods) and on providing the student with the specific techniques and vocabulary necessary for talking and writing effectively about literature.
Distribution Area: The Arts.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/1/010, Ms Shaner, 3 Credits,
Sched No 731657

July 20-August 27, TuTh
1:30-4:30pm, Harbor Campus
W/1/010, Ms Ross, 3 Credits,
Sched No 731702

Engl 201
Five Major British Writers
•
Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing will be provided.
Distribution Area: Philosophical and Humanistic Studies.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/020, Ms Duddy, 3 Credits,
Sched No 731902

July 20-August 27 TuTh
6:00-9:00pm, Harbor Campus
W/1/020, Mr Nelson, 3 Credits,
Sched No 731952

Engl C204
The Nature of Literature: Fiction
•
An introduction to various critical approaches to the understanding and appreciation of fiction. Close reading of short stories and novels with special attention to the language and forms of fiction, as well as the writing of critical and interpretive papers. Comparison of fiction both to the visual arts (e.g., point of view, setting, imagery) and to music (e.g., prose rhythm, duration, thematic repetition, and variation). Attention to developing a sense of the milieu in which an artist works.
Prerequisite: Completion of freshman writing requirement.
Distribution Area: The Arts.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/010, Ms Eisenthal, 3 Credits,
Sched No 729551

Midday/Afternoon
June 1-July 15, MTuWTh
11:45am-1:15pm, Harbor Campus
W/1/010, Mr Maloof, 3 Credits,
Sched No 729456

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/1/010, Staff, 3 Credits,
Sched No 729501

Engl 206
Six American Authors
•
The achievements of American literature in articulating the American mind will be illustrated by works from some well-known American writers — Thoreau, Dickinson, Faulkner, for example, as well as from those who deserve to be better known, such as Frederick Douglass, Kate Chopin, Zora Neale Hurston.
Distribution Area: The Arts.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/1/055, Ms Duddy, 3 Credits,
Sched No 732156

Engl C210
Introduction to Creative Writing
•
An introduction to the arts through the medium of writing as well as reading poetry, fiction, and drama. Student writing is submitted weekly and discussed in class.
Prerequisite: Completion of freshman writing requirement.
Distribution Area: The Arts.

Evening
June 1-July 15, MW
6:00-9:00pm. Harbor Campus
W/1/010, Mr Hurley, 3 Credits,
Sched No 729751

July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/010, Ms Davis, 3 Credits,
Sched No 729806

Engl Z215
Intermediate Composition
•
A composition course offering continued practice in expository and argumentative writing. Emphasis is on the development of rhetorical concepts (definition, exemplification, comparison, and others) for both analytic and compositional purposes: both for critical reading and for the organization and development of papers. Readings will be short, complex passages representative of the kinds of discourse met in college classes and texts.
Distribution Area: The Arts.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/019, Staff, 3 Credits,
Sched No 732356

Evening
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/056, Ms Fattori, 3 Credits,
Sched No 732401

Engl C225
Introduction to Shakespeare
•
An introduction to Shakespeare's dramatic art, with special emphasis on interpretive performances on stage and film. Students are expected to supplement the careful reading of a small number of Shakespeare's plays with the viewing of videotaped performances. Attendance at a live performance may be required.
Distribution Area: The Arts.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/010, Mr Divver, 3 Credits,
Sched No 730003

Engl Z281
Voices of Political Prisoners
•
A study of twentieth-century novels, poems, and memoirs which reflect the experience of being a prisoner of conscience. Focus will be global (Europe, Africa, the Middle East, the Americas).

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/020, Mr Phillips, 3 Credits,
Sched No 732601

Engl 330
Short Novel
●
Through reading of representative short novels, the course attempts to define the differences among the short story, the novel, and the novella or short novel. Generalizations about the similarities and differences between these genres and poetry and drama are considered. The course includes the study of novels by such writers as Tolstoy, James, Conrad, Porter, Roth, Faulkner, Wright, and Camus.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/060, Ms Saunders, 3 Credits,
Sched No 732801

Engl 342
History of the English Language
●
What English is descended from, what it is related to, how it has changed and is still changing. Emphasis on changes in sound and grammar; learning a system for analyzing, classifying and transcribing speech sounds; becoming familiar with classical grammar in order to understand grammatical changes.
Prerequisite: Engl 240.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/056, Mr Bruss, 3 Credits,
Sched No 733005

Engl 369
Contemporary American Fiction
A survey of American fiction since 1950. Works by Baldwin, Bellow, Betts, Gaines, Kelley, Mailer, Malamud, Oates, Olsen, Percy, Reed, Updike, Vonnegut, Wright, and others.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/1/053, Mr Nelson, 3 Credits,
Sched No 733205

Engl 371
The Adolescent in Literature
●
Such problems as adolescent culture, the rites of passage into adulthood, and the literary expression of these phenomena. Writers such as Wolfe, Salinger, Capote, Knowles, McCullers, Donleavy, Mishima, Golding, Lessing, Moravia, Mauriac, and Sagan.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/1/019, Mr Nelson, 3 Credits,
Sched No 733405

Engl 375
Children's Literature
●
The study of literature for children, including criticism and the history of the development of literary materials written specifically for children. The works studied by such authors as Lewis, Grahame, Wilder, and Milne will be explored in the context of the historical and cultural settings in which they were produced, and the texts will be analyzed both as works of art and as instruments of cultural and didactic impact.

Midday/Afternoon
June 1-July 15, MTuWTh
11:45am-1:15pm, Harbor Campus
W/1/055, Ms Shaner, 3 Credits,
Sched No 733605

Engl 383
Shakespeare II
●
Shakespeare's problem plays, major tragedies and late romances. The course emphasizes critical interpretations of individual plays, and it assumes that students will have had some experience of Shakespearean plays, such as those in Engl 382; but this course may be elected without such experience.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/1/020, Mr Diwer, 3 Credits,
Sched No 733805

Which side are you on? Find out by signing up for Econ 325 (page 9).

Engl 399
Comparative Readings in Two Novelists
●
Comparative study of the fiction of major English and American novelists whose works have social and thematic affinities or present interesting problems of contrast. Novelists to be studied — such as Fitzgerald and Hemingway, Hardy and Lawrence, Austen and Eliot, Hawthorne and Melville, Bellow and McCarthy — vary from year to year.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/056, Ms Haire-Sargent, 3 Credits,
Sched No 734009

Engl 415
Irish Literature
●
A close study of Yeats, Synge, O'Casey, Joyce and other writers of the modern Irish renaissance. The course also focuses on areas of Irish history and literature relevant to these writers.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/1/056, Ms Walsh, 3 Credits,
Sched No 734209

Engl 481a
Contemporary South African Literature
●
South Africa is a country divided, a country where racism has been institutionalized, a country on the brink of revolutionary change. This troubled land has produced a rich body of literature, at its best infused by moral passion, and true to the full complexity of human experience. This course will focus on fiction by both black and white South Africans, in roughly equal proportions. We'll explore the different challenges facing black and white writers, examine problems of maintaining artistic integrity in a state of political emergency, and consider the extent to which South African literature addresses not merely South African problems, but universal human concerns. Readings will be drawn from the works of such writers as Peter Abrahams, Andre Brink, JM Coetzee, Athol Fugard, Nadine Gordimer, Bessie Head, Alex La Guma, Can Themba, Miriam Tlali and DM Zwelonke.

Midday/Afternoon
June 1-July 15, MTuWTh
11:45am-1:15pm, Harbor Campus
W/1/056, Ms Gane, 3 Credits,
Sched No 734609

English as a Second Language

It is to the advantage of the student to be placed in the proper English course. Both 101E and 102E are freshman-level courses, taught at a higher level than Advanced ESL. To ensure appropriate placement in 101E, students are required to take a writing placement test provided by the English Department. Students who wish to take 102E must present a transcript or final grade report showing that they have had one semester of Freshman English at UMass/Boston or another school.

Engl 101E
Freshman English I
●
Practice in writing on various kinds of topics chosen to develop students' confidence and ability as writers. Readings and materials vary from section to section, but all sections require a minimum of seven papers. This special ESL section of Freshman Composition is designed to meet the specific needs of ESL students. In particular, the course emphasizes English syntax from a non-native point of view. For bilingual students only.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/019, Staff, 3 Credits,
Sched No 730558

Engl 102E
Freshman English II
●
Continued practice in writing on various topics with an emphasis on more difficult readings, using the library and research skills. Students again write about seven papers, including one research paper. Attention is given to English grammar from a non-native point of view. For bilingual students only.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/019, Staff, 3 Credits,
Sched No 731152

Midday/Afternoon
June 1-July 15, MTuWTh
11:45am-1:15pm, Harbor Campus
W/1/020, Staff, 3 Credits,
Sched No 731102

French

Note: Courses in French are now housed in the Department of Modern Languages.

French 101
Elementary French I
●
Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in French.
Distribution Area: Foreign Languages.

Morning
Lect: June 1-July 1, MTuWTh
10:00am-12:30pm, Harbor Campus
M/1/417, Staff, 4 Credits,
Sched No 736657

Lab: June 1-July 1,
By Arrangement, Lab Fee: $10.00,
Sched No 736702

French 102
Elementary French II
●
A continuation of French 101. Intensive practice in the four language skills, with an audio-lingual approach, for students who have completed French 101 or its equivalent.
Distribution Area: Foreign Languages.

Morning
Lect: July 7-August 5, MTuWTh
10:00am-12:30pm, Harbor Campus
M/1/417, Staff, 4 Credits,
Sched No 736902

Lab: July 7-August 5,
By Arrangement, Lab Fee: $10.00,
Sched No 736952

French 201
Intermediate French I
●
This course seeks to help students attain the level of intermediate proficiency in speaking, listening, reading, and writing, through imaginative and personalized activities that are relevant to student interests. These activities include an introduction to the culture and literature of the French-speaking world. Weekly laboratory attendance and assignments required.
Prerequisite: French 102, 115 or equivalent.
Distribution Area: Foreign Languages.

Morning
Lect: June 1-July 1, MTuWTh
10:00am-12:30pm, Harbor Campus
M/1/614, Staff, 4 Credits,
Sched No 737156

Lab: June 1-July 1,
By Arrangement, Lab Fee: $10.00,
Sched No 737201

French 202
Intermediate French II
●
This course seeks to build on the level of achievement reached in French 201. Participants study a variety of literary and cultural texts as models of written expression. Weekly laboratory attendance and assignments required.
Prerequisite: French 201 or equivalent.
Distribution Area: Foreign Languages.

Morning
July 7-August 5, MTuWTh
10:00am-12:30pm, Harbor Campus
M/1/614, Staff, 4 Credits,
Sched No 737401

Lab: July 7-August 5,
By Arrangement, Lab Fee: $10.00,
Sched No 737451

French 301
Composition et stylistique
●
A course in written expression beyond the intermediate level. Emphasis is on composition as well as on grammatical and stylistic analysis of contemporary texts.
Prerequisite: French 202 or equivalent, or permission of instructor.

Morning
July 1-June 15, MTuWTh
10:00-11:30am, Harbor Campus
M/2/420, Staff, 3 Credits,
Sched No 737651

Geography

Geog 102
World Regional Geography
●
An analysis of physical and human geographic factors, including landforms, climate, soils, resources, population, and other factors where appropriate, in selected world regions. Major world regions are discussed with respect to the interactions between human beings and their environment. Each region is studied in order to develop ideas aoout major physical and human geographic principles or relationships.
Distribution Area: Social and Behavioral Sciences.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/2/064, Mr Mensoian, 3 Credits,
Sched No 738255

Geog 105
Earth Science I
●
An introduction to geoscience, integrating such fields as geology, meteorology, oceanography, and physical geography. Emphasis is placed on understanding geophysical processes of importance to human beings and their environment. Topics include the origin of the earth, energy and material resources, earthquakes, volcanism, tides, glaciation, atmospheric behavior, climate and environmental impact of technology.
Corequisite: Geog 107.
Distribution Area: Natural Sciences.

Morning
June 1-July 1, MTuWThF
10:00-11:45am, Harbor Campus
S/2/064, Mr Looney, 3 Credits,
Sched No 738455

Undergraduate Courses (continued)

Geog 107
Earth Science Laboratory I
•
A laboratory course designed to accompany Geog 105. Basic experiments include: examination of minerals, rocks, and fluid earth materials; analysis of sedimentary processes and weathering; study of diverse geological processes using topographical and geological maps; aerial maps and photographs; field trips.
Corequisite: Geog 105.

Midday/Afternoon
June 1-July 1, W
12:30-3:30pm, Harbor Campus,
Mr Looney, 1 Credit,
Sched No 738655

Geog 225
Weather and Climate
•
Atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.
Prerequisite: Sophomore standing.
Distribution Area: Natural Sciences.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
S/2/064, Mr Mensoian, 3 Credits,
Sched No 738855

Special Program: Exploring the Coastal Environment: A Summer Program in Geography and Oceanography

This special program seeks to develop awareness of the interactions between people and their natural surroundings, and of the processes that shape that environment. Participants will increase their understanding of the science behind natural phenomena and the impact scientific knowledge can have on their everyday lives. A series of field activities using illustrations from the marine and coastal environments will culminate in a six-day expedition aboard the schooner *Sylvina W. Beal* as it sails from New York to Boston during the quincentennial celebration of Columbus's first voyage to the Americas.

During the first three weeks of study at UMass/Boston's Harbor Campus, participants will be introduced to the physical geography of land and sea, the elements of weather and their relationship to climate, and the integration of biotic and abiotic factors of marine environments During the last week of the program, aboard the *Sylvina W. Beal*, participants will be given basic instruction in sailing, navigation, and marine safety. Laboratory exercises and observations will occur both at UMass/Boston and on the *Beal*, where examples from the New England coastline will be used to illustrate relationships between human beings and the global environment. Participants will keep logs of their activities.

Program topics include: basic elements of weather and their relationship to climate; acid rain, pollution, and the greenhouse effect, weather observation, recording and forecasting. Participants will be introduced to oceanography: currents, waves, winds; water quality, salinity, water clarity, sea conditions: sampling and telemetering. Participants will also engage in global location analysis: observations and basic navigation, including longitude, latitude, drift, and chart reading.

This program runs from June 16 to July 11. Classes will meet Mondays through Thursdays from 1:00-5:00pm. On July 5, participants will be taken to New York to board the *Sylvina W. Beal*. Interested students must apply for admission to the program, and may obtain application materials by calling 617-287-7915. Completed application materials must be postmarked by April 30, 1992. Enrollment is limited to sixteen participants.

German

Note: Courses in German are now housed in the Department of Modern Languages.

Ger 101
Elementary German I
•
Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in German.
Distribution Area: Foreign Languages.

Morning
Lect: June 1-July 1, MTuWTh
8:15-10:45am, Harbor Campus
M/2/415, Staff, 4 Credits,
Sched No 739459

Lab: June 1-July 1,
By Arrangement, Lab Fee: $10.00,
Sched No 739504

Ger 102
Elementary German II
•
Continuation of Ger 101.
Distribution Area: Foreign Languages.

Morning
Lect: July 7-August 5, MTuWTh
8:15-10:45am, Harbor Campus
M/2/415, Staff, 4 Credits,
Sched No 739704

Lab: July 7-August 5,
By Arrangement, Lab Fee: $10.00,
Sched No 739754

History

Hist C101
The Individual In History
•
This course examines the part played by outstanding personalities in history. Was their success due to their ability to shape events? Or due merely to favorable historical circumstances? Focus is on famous individuals associated with major developments in modern history, such as Luther, Elizabeth, Peter the Great, Napoleon, Lenin.
Distribution Area: Historical and Cultural Studies.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
M/1/614, Mr Hull, 3 Credits,
Sched No 740151

Hist 111
Foundations of Western Civilization
•
A survey of the political, cultural, social and economic history of Western society from antiquity to 1715. Emphasis is given to the critical analysis of primary sources.
Distribution Area: Historical and Cultural Studies.

Midday/Afternoon
June 1-July 15, MTuWTh
11:45am-1:15pm, Harbor Campus
M/1/608, Ms Bookbinder, 3 Credits,
Sched No 740751

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/1/608, Mr Hull, 3 Credits,
Sched No 740806

Hist 112
Modern Western Civilization
•
This course traces the major political, economic, and cultural changes which have shaped Western society from the Enlightenment to the present. Special attention is given to the critical analysis of primary source materials.
Distribution Area: Historical and Cultural Studies.

Afternoon
July 20-August 27, TuTh
1:30am-4:30pm, Harbor Campus
M/1/608, Mr Callanan, 3 Credits,
Sched No 741000

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/1/608, Mr Callanan, 3 Credits,
Sched No 741050

Hist C114
Modern World History II
•
History of modern Western industrial societies and the non-Western world, 1800-present.
Distribution Area: Historical and Cultural Studies.

Afternoon
June 1-July 15, TuTh
1:30-4:30pm, Harbor Campus
M/2/428, Mr Diskant, 3 Credits,
Sched No 740351

Hist C120
America: National Unity and Local Diversity
•
This course will address the tension in American history between forces seeking a unified national culture and the elements of localism that may take the form of isolation, regional differences, economic differences, and ethnic and racial differences.
Distribution Area: Historical and Cultural Studies.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
M/1/417, Mr Chu, 3 Credits,
Sched No 740551

Hist 152
Introduction to African History
•
This course is designed to provide students with a solid foundation of historical knowledge in preparation for more advanced courses in various aspects of African studies. The course emphasizes such themes as Islam in Africa, trade and politics in medieval Africa, slavery and the slave trade, European colonization, and the political economy of independent Africa.
Distribution Area: Historical and Cultural Studies.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
M/2/616, Mr Ibokette, 3 Credits,
Sched No 741250

Hist 265
American History I
•
Introduces students at the intermediate level to the study of American history before 1877. Subject matter encompasses virtually all aspects of American society, and the interrelationship among social structure, economic development, everyday life, culture, and formal politics is explored throughout the course. Special attention is given to the nature of historical inquiry.
Prerequisite: Sophomore standing or permission of instructor.
Distribution Area: Historical and Cultural Studies.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
M/2/616, Mr Dunbar, 3 Credits,
Sched No 741450

Hist 266
American History II
•
A survey of American history from 1877 covering the nature of American social structure, economic development, everyday life, culture, and formal politics. Special attention is given to the nature of historical inquiry.
Prerequisite: Sophomore standing or permission of instructor.
Distribution Area: Historical and Cultural Studies.

Morning
July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
M/2/428, Mr Dunbar, 3 Credits,
Sched No 741650

Hist 371
Age of the American Revolution, 1763 to 1789
•
The development of the conflict with Britain, 1763-1776, the Revolutionary War and its effect, the forming of republican institutions for state and federal governments.
Prerequisite: Sophomore standing.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/1/417, Mr Chu, 3 Credits,
Sched No 741850

Hist 379
The United States in the Twentieth Century, 1900 to 1945
•
American politics and culture from the Progressive period through World War II.
Prerequisite: Hist 266 or permission of instructor.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
M/2/428, Mr Dunbar, 3 Credits,
Sched No 742054

Hist 380
The United States in the Twentieth Century, 1945 to the Present
●
American politics and culture from the end of World War II to the present.
Prerequisite: Hist 266 or permission of instructor.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
M/2/428, Mr Dunbar, 3 Credits,
Sched No 742254

Hist 478a
Terrorism in the Twentieth Century
●
This course studies the phenomenon of terrorism by considering twentieth-century political movements that have used or are using terror to achieve their objectives. The course develops an analytical framework for the study of terrorism and uses this framework in exploring the historical backgrounds, objectives, ideologies, tactics, and membership profiles of selected groups, and in considering the responses of their opponents. Groups to be studied include the IRA, the Irgun, the PLO, the Baader-Meinhof, and the Ku Klux Klan.
Prerequisite: Junior standing or permission of instructor.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
M/2/621, Mr Bookbinder, 3 Credits,
Sched No 742454

Hist 478b
The Vietnam War
●
This course examines US involvement in Vietnam from the 1940s through 1975 and focuses on the conduct of the war and upon the consequences of the war to both societies. The course employs original documents such as those released as the ``Pentagon Papers'' and those representing opposing interpretations of the origin and ``meaning'' of US intervention. Topics of special interest include the Cold War framework of the war, the takeover from the French, the creation of South Vietnam, the Tonkin Gulf incident, the Tet offensive, the anti-war movement, the war's effects upon GIs and upon the Vietnamese.
Prerequisite: Junior standing.

Midday/Afternoon
June 1-July 1, MTuWTh
11:45am-1:45pm, Harbor Campus
M/2/621, Mr Hunt, 3 Credits,
Sched No 742654

Hist 479
Modern Irish History
●
A survey of Irish history from the Dark Ages to the twentieth century. Topics include the Gaelic culture of early medieval Ireland; the role of Christianity in early Irish society; the coming of the English and development of an Anglo-Irish elite; the impact of the Reformation; the English role in the sixteenth and seventeenth centuries; the evolution of the economy and society in the eighteenth and nineteenth centuries; the potato famine; radical and nationalist movements; the coming of independence and Ireland in the late twentieth century.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
M/2/621, Mr Breen, 3 Credits,
Sched No 742854

Human Performance and Fitness (formerly Physical Education)

Note: The University's Program in Physical Education and Fitness is now the Division of Human Performance and Fitness within the College of Nursing.

HP 256
Lifetime Fitness
●
This course introduces students to the concepts and principles of physical fitness from the fields of exercise physiology and tests and measurement. It emphasizes the practical application of research to the design of individual physical fitness programs. Students gain an understanding of cardiorespiratory fitness, muscular strength and endurance, body weight and body composition, flexibility and neuromuscular relaxation.

Note: This course involves students in physical activity. A release from a physician is required for students who are older than 35 or who are disabled.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/058, Mr McInnis, 3 Credits,
Sched No 762955

HP 321
Physiology of Exercise
●
Students in this course are introduced to the physiology of exercise through a review of basic anatomy and physiology considered in relation to physical activity. Students develop a scientific basis for understanding the physiological responses of the human organism to exercise, and consider practical applications of this understanding.
Prerequisites: Biol 207 and 208.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/058, Mr McInnis, 3 Credits,
Sched No 763159

Italian

Note: Courses in Italian are now housed in the Department of Modern Languages.

Ital 101
Elementary Italian I
●
For students who have no creditable training in Italian; intensive practice in the four language skills, with an audio-lingual approach.
Distribution Area: Foreign Languages.

Morning

Lect: June 1-July 1, MTuWTh	Lab: June 1-July 1,
10:00am-12:30pm, Harbor Campus	By Arrangement, Lab Fee: $10.00,
M/2/624, Staff, 4 Credits,	Sched No 745151
Sched No 745101	

Ital 102
Elementary Italian II
●
Continuation of Ital 101.
Prerequisite: Ital 101 or equivalent.
Distribution Area: Foreign Languages.

Morning

Lect: July 7-August 5, MTuWTh	Lab: July 7-August 5,
10:00am-12:30pm, Harbor Campus	By Arrangement, Lab Fee: $10.00,
M/2/624, Staff, 4 Credits,	Sched No 745406
Sched No 745351	

Japanese

Jse 101
Elementary Japanese I
●
For students with no previous language training in Japanese. Introduction to pronunciation, grammar, conversation, and the elements of the writing system (Hiragana and Kanji).
Distribution Area: Foreign Languages.

Morning

June 1-July 15, MTuWTh	Lab: June 1-July 15,
10:00-11:30am, Harbor Campus	By Arrangement, Lab Fee: $10.00,
M/2/417, Staff, 3 Credits,	Sched No 745856
Sched No 745806	

Jse 102
Elementary Japanese II
●
Continuation of Jse 101. Grammar and conversation using the basic patterns.
Prerequisite: Jse 101.
Distribution Area: Foreign Languages.

Morning

July 20-August 27, MTuWTh	Lab: July 20-August 27,
10:00-11:30am, Harbor Campus	By Arrangement, Lab Fee: $10.00,
M/2/417, Staff, 3 Credits,	Sched No 746105
Sched No 746050	

Can you identify yourself in this picture? Maybe if you try HP 256 (page 13).

Latin

Lat 101
Fundamentals of Latin I
●
Designed to complete a standard basic textbook with Latin 102.
Distribution Area: Foreign Languages.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
M/2/420, Mr Newman, 3 Credits,
Sched No 747909

Lat 102
Fundamentals of Latin II
●
Continuation of Latin 101.
Distribution Area: Foreign Languages.

Morning
July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
M/2/420, Mr Newman, 3 Credits,
Sched No 748103

Latin American Studies

LatAm 301
Hispanics in Urban America
●
An examination of the Puerto Rican, Mexican, Cuban and Dominican migrations to the North American mainland. A preliminary overview of the historical and cultural backgrounds of these migrations will be followed by a more focused analysis of organizational, occupational, educational, medical and housing patterns within the Spanish-speaking population of Boston. Students should have previous course expenence in any of the social sciences or some demonstrable familiarity with Latin American society and culture.

Midday/Afternoon
June 1-July 1, MTuWTh
11:45am-1:45pm, Harbor Campus
W/1/053, Ms Carrion, 3 Credits,
Sched No 746705

Linguistics

Ling 151
Elementary Sign Language I
●
This course provides an introduction to American Sign Language with an emphasis on receptive skills, vocabulary, and grammar; it also introduces the linguistics of ASL. In addition, through readings, guest speakers, and videotapes, the course seeks to help students develop their awareness of issues important to the Deaf community.
Distribution Area: Foreign Languages.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/1/201, Staff, 3 Credits,
Sched No 747109

Ling 152
Elementary Sign Language II
●
A continuation of Ling 151 with emphasis on receptive and expressive skills.
Prerequisite: Ling 151 or permission of the instructor.
Distribution Area: Foreign Languages.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/1/201, Staff, 3 Credits,
Sched No 747309

Ling 153
Elementary Sign Language III
●
This course provides an intensive review of introductory ASL, followed by further study of grammar and language skills, correlated with advanced elementary level reading related to Deaf culture.
Prerequisites: Ling 152 or permission of instructor.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
M/1/201, Staff, 3 Credits,
Sched No 747509

See "Location Key" on page 30 for a campus map and an explanation of building, floor, and room codes (e.g., M/3/618).

Undergraduate Courses (continued)

Management

UMass/Boston's College of Management (CM) has five departments: Accounting and Finance, Analysis and Communication, Management, Management Science and Information Systems, and Marketing. Each department's offerings appear alphabetically below.

The following CM courses are open to all students: AF 201, 210, 211; MGT 130, MS 110. Certain other CM courses are open only to students enrolled in a two- or four-year degree program: either at CM, or in another of UMass/ Boston's academic programs, or at another institution. These courses are AF 301; ACM 210 and 211; all MGT courses at or beyond the 300 level; MS 210, 211, and 301; and MKT 301. Any student wishing to take one of these courses 1) must be enrolled in the College of Management at UMass/Boston or in a degree program at another college or university; 2) must have completed all course prerequisites with a C-(C minus) or better; and 3) must be in good academic standing. Each UMass/ Boston CM student must submit, together with a registration form, written permission from the College's Office of Student Services. Each non-CM or non-UMass/Boston student must submit to CM's Office of Student Services a copy of a complete and current official transcript of his or her college or university record.

If a non-UMass/Boston student is completing course prerequisites this term for any of these courses, the student must also submit verification of his or her current registration in the prerequisite course(s). This material must be reviewed and approved by the College of Management's Office of Student Services, no later than the last day of late registration, in order for the student to enroll in any of these courses.

Students wishing to register in person for any of these courses should telephone the Office of Student Services (617-287-7760) for an appointment.

Accounting and Finance

AF 201
Personal Finance
●
Introduces students to planning and managing personal and family finances. Topics covered include insurance and estate planning, relationships with banks, issues in home ownership/real estate, the fundamentals of investing in stocks and bonds, tax planning, leasing as compared with buying automobiles, and financing college education. This course cannot be counted toward finance or accounting concentrations in the College of Management.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/2/127, Staff, 3 Credits,
Sched No 701208

Evening
July 20-August 27, MW
6:00-9:00pm, Downtown Center
503, Staff, 3 Credits,
Sched No 701408

AF 210
Financial Accounting
●
Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g., owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.
Prerequisite: Sophomore standing.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/2/158, Staff, 3 Credits,
Sched No 701608

July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/2/127, Staff, 3 Credits,
Sched No 701658

Evening
June 1-July 15, MW
6:00-9:00pm, Downtown Center
503, Staff, 3 Credits,
Sched No 701858

June 1-July 15, TuTh
6:00 - 9:00pm, Harbor Campus
W/2/158, Staff, 3 Credits,
Sched No 701903

July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/2/158, Staff, 3 Credits,
Sched No 701953

AF 211
Managerial Accounting
●
Presents the theory and techniques of managerial accounting, from the particular perspective of the manager. The course covers the identification analysis of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, and standard job order and process cost systems.
Prerequisite: AF 210.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/052, Staff, 3 Credits,
Sched No 702157

July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/2/158, Staff, 3 Credits,
Sched No 702202

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/2/158, Staff, 3 Credits,
Sched No 702402

July 20-August 27, MW
6:00-9:00pm, Downtown Center
507, Staff, 3 Credits,
Sched No 702507

July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/2/158, Staff, 3 Credits,
Sched No 702452

AF 301
Introduction to Financial Management
●
Introduces financial management, (both short-term and long-term), specifically what an organization invests in, and how the necessary funds are best raised; the course also acquaints students with various kinds of securities and the operation of financial markets and institutions. Specific topics include working capital management, financial markets and institutions, the time value of money and capital budgeting, the cost of capital, financial leverage and capital structure, and dividend policy.
Prerequisite: Completion of 60 semester hour credits, including AF 211.
Enrollment restricted: See note under Management on page 14.

Morning
June 1-July 20, MTuWTh
8:15-9:45am, Harbor Campus
W/1/053, Staff, 3 Credits,
Sched No 702707

Analysis and Communication in Management

ACM 210
Critical Thinking and Writing
●
Offers instruction and practice in the writing of persuasive, analytical prose. The course encourages students to write with the clarity and coherence necessary for managerial problem solving and case study. This course is required for students who have not passed the College of Management Writing Proficiency Examination by the time they have completed 30 credits or for transfer students who have not passed the examination during their first semester.
Enrollment restricted: See note under Management on page 14.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/1/420, Staff, 3 Credits,
Sched No 700404

ACM 211
Writing and Managerial Thinking
●
Builds upon the critical thinking and writing skills students develop in ACM 210 and extends those skills to managerial thinking and writing. The course emphasizes clarity and structure in case analysis and project reports.
Prerequisite: ACM 210.
Enrollment restricted: See note under Management on page 14.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/1/420, Staff, 3 Credits,
Sched No 700604

Management

MGT 130
Introduction to Business
●
Familiarizes students with the nature of business and its relationship to other institutions in society. The course examines business ownership, organization, management, marketing, human resources management, production, and finance. In addition, the course explores issues in the relationships between capitalism and business, the law and business, and government and business.

Afternoon
July 20-August 27, MW
1:30-4:30pm, Harbor Campus
W/1/055, Ms Diener, 3 Credits,
Sched No 752657

Evening
June 1-July 15, MW
6:00-9:00pm, Downtown Center
507, Staff, 3 Credits,
Sched No 752857

MGT 303
Managing Organizations
●
Examines theory, research, and practice in the management of organizations. Students learn to make use of analytical tools for recognizing, diagnosing, and acting on managerial problems related to organizations to their objectives, and to the development of human resources. The course emphasizes topics at the macro level, such as organizational analysis and design, and at the micro level, such as managerial behavior, motivation, and interpersonal relations.
Prerequisite: 60 credits.
Enrollment restricted: See note under Management on page 14.

Afternoon
June 1-July 15, TuTh
1:30-4:30pm, Harbor Campus
M/2/124, Mr Quaglieri, 3 Credits,
Sched No 753051

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/2/125, Mr Quaglieri, 3 Credits,
Sched No 753251

MGT 330
Business Environments and Public Policy
●
Examines the interaction of business and government in the contemporary public policy process in the United States. The course helps students become familiar with the private sector's effect on the public sector as well as the public's effect on the private. It also examines how government promotes, regulates, and competes with private enterprise.
Prerequisite: 60 credits.
Enrollment restricted: See note under Management on page 14.

Midday/Afternoon
June 1-July 15, MW
11:45am-2:45pm, Harbor Campus
W/2/125, Mr Lindamood, 3 Credits,
Sched No 753451

MGT 331
Managerial Ethics and Social Issues
●
Examines the kinds of ethical principles (e.g., justice, equality, rights and obligations, and the public interest) generally offered in justification of ethical judgments. Students learn to apply these principles to the social and economic issues that managers face, such as pollution, safety, discrimination, and fiduciary and product responsibilities. The course includes a research paper on an ethical problem in management.
Prerequisite: Completion of 60 semester hour credits, including MGT 303.
Enrollment restricted: See note under Management on page 14.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/2/126, Mr Lindamood, 3 Credits,
Sched No 753801

MGT 490
Strategic Management
●
Focuses on the organization as a whole, from a perspective that takes into account both the role of top management and the future of the organization. The course is designed to be the capstone of the student's academic career. It develops an approach for identifying the ultimate aim of the organization, exploring its external environment for opportunities and risks, and relating these to internal strengths and weaknesses. The course is required of concentrators in accounting, management of human resources, management information systems, marketing, manufacturing operations management, service operations management, and private financial management.

Note: MGT 490 is required for all CM students, and is open only to students matriculated in UMass/Boston's College of Management.
Prerequisites: Senior standing; completion of 75 semester hour credits, including AF 210, 211, 301; MGT 303, 330, 331; MS 301; and MKT 301.
Enrollment restricted: See note under Management on page 14.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/2/127, Ms Diener, 3 Credits,
Sched No 754261

Students withdrawing from summer session courses must submit a withdrawal form to the Summer Session Registration Center by the deadline indicated in the Academic Calendar. Failure to submit a withdrawal form before 4:00pm on the last day of the withdrawal period will result in a grade of "F." Please see "Withdrawing from Courses" on page 4.

Management Science and Information Systems

MS 110
Introduction to Computers and Information Systems
●
Introduces computers, information systems, and their use in business decision-making. Topics include management information concepts and components, productivity software tools, flow charting, BASIC programming, and simple applications.

Note: The fee for this three-credit course is $310.00

Afternoon
July 20-August 27, MW
1:30pm-4:30pm, Harbor Campus
W/2/126, Mr Gutierrez, 3 Credits,
Sched No 756053

MS 210
Managerial Statistics I
●
Provides the student with a basic knowledge of ways to reduce masses of data into a meaningful form for decision-making. The course examines collection and presentation of data, frequency distributions, measures of central tendency and dispersion, probability and probability distributions, and an introduction to statistical inference. Participants make use of software appropriate for data analysis.
Prerequisite: Math 134.
Enrollment restricted: See note under Management on page 14.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/2/126, Ms Zahedi, 3 Credits,
Sched No 756453

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/054, Mr Aggarwal, 3 Credits,
Sched No 756653

MS 211
Managerial Statistics II
●
Provides the student with additional (beyond MS 210) knowledge of statistical analysis approaches used in decision-making. Topics include decision theory, Bayesian statistical inference, non-parametric regression, and correlation analysis. Students use appropriate software to make realistic applications.
Prerequisite: Math 134 and MS 210.
Enrollment restricted: See note under Management on page 14.

Note: The fee for this three-credit course is $310.00.

Midday/Afternoon
July 20-August 27, TuTh
11:45am-2:45pm, Harbor Campus
W/2/125, Mr Gianoukos, 3 Credits,
Sched No 756853

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/055, Ms Richetta, 3 Credits,
Sched No 757057

MS 301
Operations Management
●
Introduces the student to the design and control problems of every system that transforms inputs into outputs, with major emphasis given to the problems associated with the production function of a manufacturing organization. The course also covers operations research approaches used to solve the associated problems.
Prerequisite: Completion of 60 semester hour credits, including Math 134 and MS 210.
Enrollment restricted: See note under Management on page 14.

Midday/Afternoon
June 1-July 15, TuTh
11:45am-2:45pm, Harbor Campus
W/2/125, Ms Papageorgiou, 3 Credits,
Sched No 757257

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/054, Ms Ashrafi, 3 Credits,
Sched No 757502

July 20-August 27, MW
11:45am-2:45pm, Harbor Campus
W/2/125, Mr Aggarwal, 3 Credits,
Sched No 757302

The Russians are coming — but then, so are the Ukrainians, the Uzbeks, the Estonians, the Georgians, and many others. If you want to be prepared, try PolSci 377d (page 19)

Marketing

MKT 301
Principles of Marketing
●
Develops students' understanding of marketing principles underlying the selection and assessment of markets, and the development and delivery of products and services.
Prerequisite: Completion of 60 semester hour credits, including AF 211 and MS 110.
Enrollment restricted: See note under Management on page 14.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/1/055, Ms Diener, 3 Credits,
Sched No 755615

Mathematics

Please note: Computer science course descriptions appear in this bulletin under "Computer Science." All computer science (CS) courses have been renumbered by the Department of Mathematics and Computer Science. Their former codes and numbers are indicated in parentheses. Math 137P is now CS 110P; Math 138 is now CS 210. For further information contact the department.

Please note: students in any mathematics course may be required to attend one additional 50-minute discussion section per week if the enrollment in that course exceeds normal capacity.

Math Diagnosis
●
It is to the advantage of the student to be placed in the proper course. Students are advised to consult course descriptions for prerequisites and equivalents before registering for math courses. To ensure placement in the right course, each student will be required to take a math diagnostic test before being admitted to a course that requires this test as indicated in its description. This step will prevent loss of time in switching courses or obtaining refunds after classes have begun.

The test will be given during the following periods for students enrolling in summer math courses:

Tuesday, May 5, 10:30am-2:00pm
Thursday, May 7, 4:00-7:00pm
Monday, May 11, 1:00-3:00pm
Tuesday, May 19, 3:30-6:30pm
Wednesday, May 27, 3:00-6:30pm
Monday, June 1, 4:30-7:30pm
Thursday, June 2, 10:30-2:30pm
Thursday, July 16, 3:00-6:30pm
Monday, July 20, 10:00am-2:30pm
Tuesday, July 21, 4:30-7:30pm

All testing will take place at the University Advising Center's Testing Office, M/3/612. Students may arrive at any time during the periods listed to begin a test. Each test is hand-scored, so that results will be available shortly after the student completes it. Students who need to schedule a private testing session should call 287-5522 to make arrangements.

Math 110
Basic Algebra
●
For students with a weak math background who want to develop skills for further math or science courses. Covers basic high school math. Topics include multiplying and factoring polynomials, linear equations and straight lines, fractional exponents and radicals, ratios of polynomials, quadratics, and word problems. Generally limited to students with less than 3 years of high school math preparation.

Note: No student receives graduation credits for Math 110 if it is taken after successful completion of Math 124 or 130 or a higher math course.
Prerequisite: Math diagnostic test only.
Distribution Area: Mathematics and Computer Languages.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/2/125, Mr Truesdell, 3 Credits,
Sched No 748503

Evening
June 1-July 15, MTuWTh
6:00-7:30pm, Harbor Campus
W/2/124, Staff, 3 Credits,
Sched No 748553

July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/2/125, Staff, 3 Credits,
Sched No 748608

July 20-August 27, MTuWTh
6:00-7:30pm, Harbor Campus
W/2/124, Staff, 3 Credits,
Sched No 748658

Math 125
Introductory Statistics
●
For non-science and non-mathematics majors only. Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.

Note: No student receives graduation credits for Math 125 if it is taken after successful completion of Math 345 or 645. This course is not open to mathematics majors.
Prerequisite: Math diagnostic test or Math 110.
Distribution Area: Mathematics and Computer Languages.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/2/125, Mr Herda, 3 Credits,
Sched No 748858

July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
W/2/125, Staff, 3 Credits,
Sched No 748903

Math 129
Pre-Calculus for Management and Social Science Students
●
This course teaches the algebraic and conceptual skills students need to master before they are ready for Math 134 or Math 135. It first reviews the basic algebraic skills. The major part of the course then involves the application of linear, quadratic, and exponential models to problems in management and economics.

Note: Students intending to take Calculus I and II (Math 140 and 141) should take Math 130 instead of Math 129. Students who have successfully completed Math 129 may not subsequently take Math 124 for credit. Students may take Math 130 after Math 129 only with explicit permission of the Mathematics and Computer Science Department, and then only for two credits.
Prerequisite: Math diagnostic test.
Distribution Area: Mathematics and Computer Languages.

Evening
June 1-July 15, MTuWTh
6:00-7:30pm, Harbor Campus
W/2/125, Mr Hogan, 3 Credits,
Sched No 749107

Math 130
Pre-Calculus
●
Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, semilog graphing, and the trigonometric functions and their inverses.

Note: Qualified students should enter Math 140 without taking this course. No student receives graduation credits for Math 130 if it is taken after successful completion of Math 140 or a higher math course. Students who have successfully completed Math 130 may not subsequently take Math 124 for credit. Students may take Math 130 after 124 only with explicit permission of the Mathematics and Computer Science Department, and then only for two credits.
Prerequisite: Math diagnostic test only. Successful completion of Math 110 is not enough.
Distribution Area: Mathematics and Computer Languages.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/2/126, Mr Mukerjee, 3 Credits,
Sched No 749507

Evening
June 1-July 15, MTuWTh
7:45-9:15pm, Harbor Campus
W/2/124, Mr Lutts, 3 Credits,
Sched No 749557

July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/055, Staff, 3 Credits,
Sched No 749602

July 20-August 27, MTuWTh
7:45-9:15pm, Harbor Campus
W/2/124, Staff, 3 Credits,
Sched No 749652

Math 134
Managerial Algebra and Calculus
●
This course is designed to provide students with mathematical literacy through mastery of basic algebra and basic calculus. Topics include functions, graphs, absolute value, linear equations, inequalities, systems of linear equations and inequalities, polynomials, exponential and logarithmic functions, limits, continuity, derivatives, summation of series, and integration. Applications are made to managerial situations throughout the course.

Note: This course is for College of Management students only. Students may not receive graduation credit for more than one of these three courses: Math 134, Math 135, Math 140.
Prerequisite: Placement into Math 135 on math diagnostic test, or completion of Math 124, or permission of instructor.
Distribution Area: Mathematics and Computer Languages.

Morning
July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
W/2/126, Staff, 3 Credits,
Sched No 750104

Evening
June 1-July 15, MTuWTh
7:45-9:15pm, Harbor Campus
W/2/125, Mr Hogan, 3 Credits,
Sched No 750059

Undergraduate Courses (continued)

Math 140
Calculus I
•
The first in the sequence of calculus courses for science and math majors. Starts with the basic concepts of functions and limits. Topics covered include derivatives and their applications, definite and indefinite integrals with applications to geometric and physical problems, and discussion of algebraic and transcendental functions.

Note: A student who has received credit for Math 135 may not take Math 140 for credit without the explicit permission of the Mathematics and Computer Science Department, and then only for two credits.
Prerequisite: Math diagnostic test or Math 130.
Distribution Area: Mathematics and Computer Languages.

Morning
June 1-July 15, MTuWTh
8:00-9:45am, Harbor Campus
W/1/057, Mr Wortman, 4 Credits,
Sched No 750304

June 1-July 15, MTuWTh
10:00-11:45am, Harbor Campus
W/1/057, Mr Wortman, 4 Credits,
Sched No 750354

July 20-August 27, MTuWTh
10:00-11:45am, Harbor Campus
W/1/057, Mr Singh, 4 Credits,
Sched No 750459

Evening
June 1-July 15, MTuWTh
5:45-7:30pm, Harbor Campus
W/1/057, Mr Azpeitia, 4 Credits,
Sched No 750409

July 20-August 27, MTuWTh
5:45-7:30pm, Harbor Campus
W/1/057, Mr Schay, 4 Credits,
Sched No 750504

Math 141
Calculus II
•
Continuation of Math 140. Topics include transcendental functions, techniques of integration, applications of the integral, improper integrals, L'Hospital's rule, sequences, and series.

Please note: Because Math 141 is the second part of a three-semester calculus sequence, it should be taken as soon as possible after Math 140.
Prerequisite: Math 140 or equivalent.
Distribution Area: Mathematics and Computer Languages.

Morning
June 1-July 15, MTuWTh
8:00-9:45am, Harbor Campus
W/1/055, Mr Greeley, 4 Credits,
Sched No 750904

June 1-July 15, MTuWTh
10:00-11:45am, Harbor Campus
W/1/055, Mr Greeley, 4 Credits,
Sched No 750954

July 20-August 27, MTuWTh
8:00-9:45am, Harbor Campus
W/1/057, Mr Singh, 4 Credits,
Sched No 751003

Evening
July 20-August 27, MTuWTh
7:45-9:30pm, Harbor Campus
W/1/057, Mr Schay, 4 Credits,
Sched No 751053

Math 240
Calculus III
•
Calculus of functions of several variables. Topics include partial derivatives, transformations, derivative as a matrix, chain rule, directional derivatives, gradients, second derivatives; and multiple integrals, substitution rule, and Jacobians.

Please note: Because Math 240 is the final part of a three-semester calculus sequence, it should be taken as soon as possible after Math 141.
Prerequisite: Math 141 is required; Phys 114 is recommended.
Distribution Area: Mathematics and Computer Languages.

Evening
June 1-July 15, MTuWTh
7:45-9:15pm, Harbor Campus
W/1/057, Mr Azpeitia, 3 Credits,
Sched No 751453

Math 260
Linear Algebra I
•
Elementary theory of abstract vector spaces. Topics include linear independence, bases, dimension, linear maps and matrices, determinants, orthogonality, eigenvalues and eigenvectors.
Prerequisite: Math 141.
Distribution Area: Mathematics and Computer Languages.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/2/125, Staff, 3 Credits,
Sched No 751653

Math 310
Applied Ordinary Differential Equations
•
Comprehensive study of ordinary differential equations. Series solutions to differential equations, Bessel functions, characteristic functions, and Fourier series.
Prerequisites: Math 141 and either Math 260 or Phys 114.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/056, Mr Herda, 3 Credits,
Sched No 751853

Math 345
Probability
•
The mathematical study of the laws of random phenomena, including discrete and continuous random variables, expectation and variance, and common probability distributions such as the binomial, Poisson, and normal. Basic principles of combinatorics are introduced to solve problems in discrete probability spaces.
Prerequisite: Math 260 or permission of instructor.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/056, Mr Truesdell, 3 Credits,
Sched No 752057

Music

Music C110
Listening Experience
•
A study of the creative processes which shape the musical artwork, emphasizing a broad range of intensive, analytical listening experiences.
Distribution Area: The Arts.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/005, Staff, 3 Credits,
Sched No 760202

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/005, Mr Patterson, 3 Credits,
Sched No 760157

Music C111
Introduction to Music
•
Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.
Distribution Area: The Arts.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/1/005, Mr McFarland, 3 Credits,
Sched No 760402

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/005, Mr Zebrowski, 3 Credits,
Sched No 760452

Music 251
History and Development of Jazz in America
•
The development of jazz from its origin to the present.
Distribution Area: The Arts.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/1/005, Staff, 3 Credits,
Sched No 760852

Music C252
African and African-American Music
•
An examination of African-American music (black music) from its African origins to contemporary black musical expression, including work songs, spirituals, minstrelsy, blues, rhythm and blues, and gospel.
Distribution Area: The Arts.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/1/005, Mr Walters, 3 Credits,
Sched No 760652

Nursing

Nurs 201
Pathophysiology
•
The course deals with alterations in the normal physiology of body structures. Discussion of normal state is followed by the description of physiological changes resulting in the symptoms of disease. Topics include the various body systems, such as cardiovascular, renal, respiratory, and endocrine.
Prerequisites: Biol 111, 207.
Corequisite: Biol 208.

Late Afternoon/Evening
June 1-July 1, MTuTh
4:30-7:30pm, Harbor Campus
M/2/116, Ms Dumas, 3 Credits,
Sched No 761256

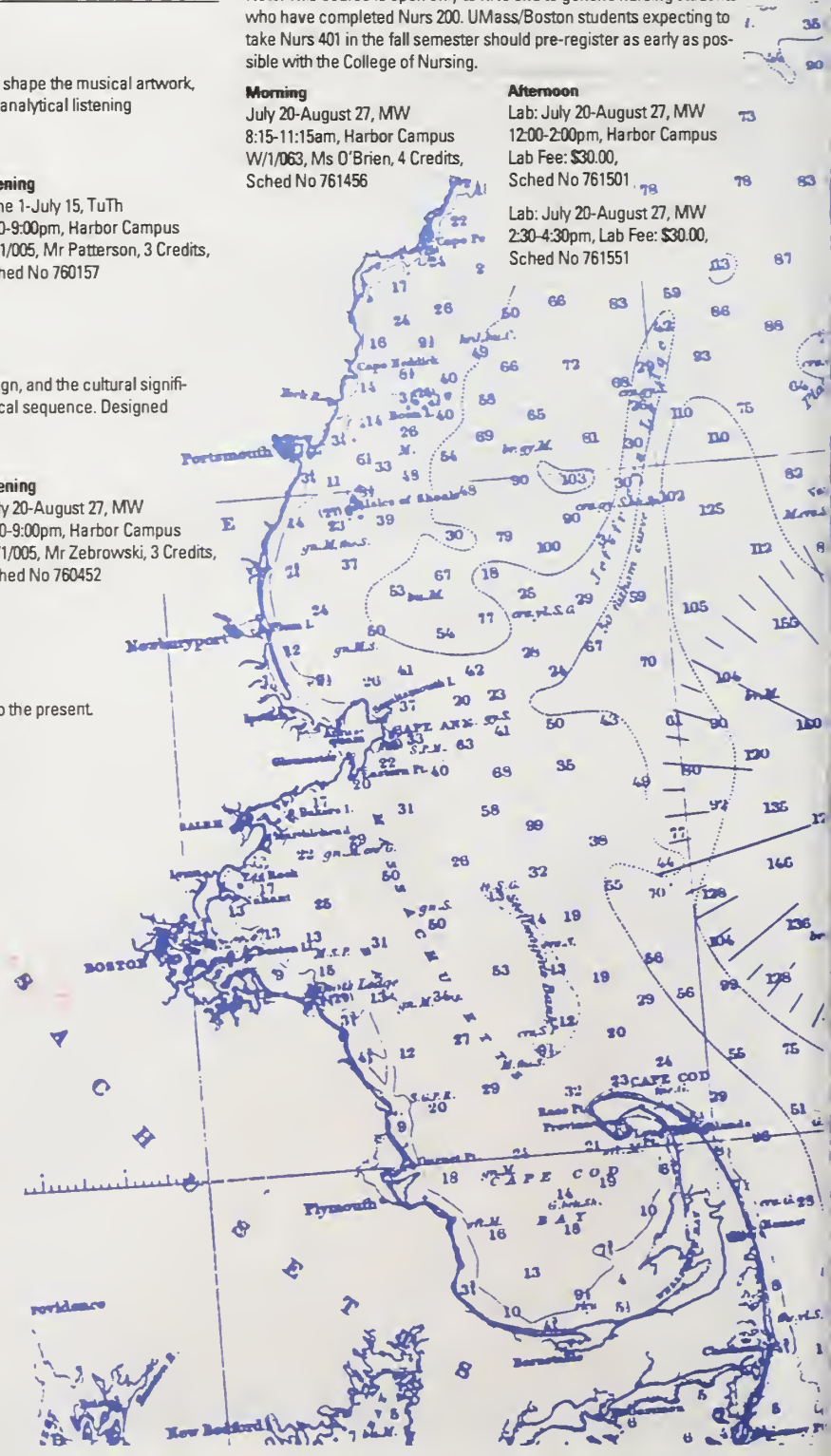
Nurs 205
Health Assessment
•
The focus of this course is on assessment, the first phase of the nursing process, seen within an organizing framework of systems analysis. The nursing diagnostic statement is emphasized as the basis for the planning of nursing management. Basic processes of health assessment are introduced, as well as interviewing and history-taking. Physical examination techniques (inspection, palpation, percussion, auscultation, measurement, and instrumentation) are described as extensions of the observation process. The course includes a practicum component.

Note: This course is open only to RNs and to generic nursing students who have completed Nurs 200. UMass/Boston students expecting to take Nurs 401 in the fall semester should pre-register as early as possible with the College of Nursing.

Morning
July 20-August 27, MW
8:15-11:15am, Harbor Campus
W/1/063, Ms O'Brien, 4 Credits,
Sched No 761456

Afternoon
Lab: July 20-August 27, MW
12:00-2:00pm, Harbor Campus
Lab Fee: $30.00,
Sched No 761501

Lab: July 20-August 27, MW
2:30-4:30pm, Lab Fee: $30.00,
Sched No 761551



You didn't know that Columbus actually had a fourth ship. There was the Nina, the Pinta, the Santa Maria — and the Sylvina W. Beal. Sail with her on a six-day geographic and oceanographic coastal exploration commemorating the Columbus quincentennial, as part of a special three-week program, "Exploring the Coastal Environment" (page 12).

Important: You must fill in the correct six digit schedule number and starting date for each course, in order for your registration form to be complete. An incomplete form cannot be accepted, and will be returned to you unprocessed. Please be sure to complete your form.

Occupational Education

OccEd 201
Fundamentals of Occupational Education
●
This course is designed to provide provisionally approved vocational education teachers with a knowledge of the historical and philosophical foundations of vocational education and the content of federal and state laws pertaining to vocational education, and with the skills necessary to conduct occupational analysis, carry on a VICA program, and obtain assistance from local support groups and advisory committees. It is the first of six courses required by the Massachusetts Department of Education for approval of vocational education teachers.

Evening
June 1-July 15, MW
5:00-7:30pm, Lexington,
Staff, 3 Credits,
Sched No 761951

OccEd 202
Management of the Vocational Education Environment
●
This course is designed to train provisionally approved vocational educators in the theory and practice of effective classroom and laboratory management in a vocational setting. Instructional organization, shop organization, safety, first aid, and student management receive special emphasis. This is one of the six courses required by the Massachusetts Department of Education for full approval of vocational education teachers.
Prerequisite: OccEd 201.

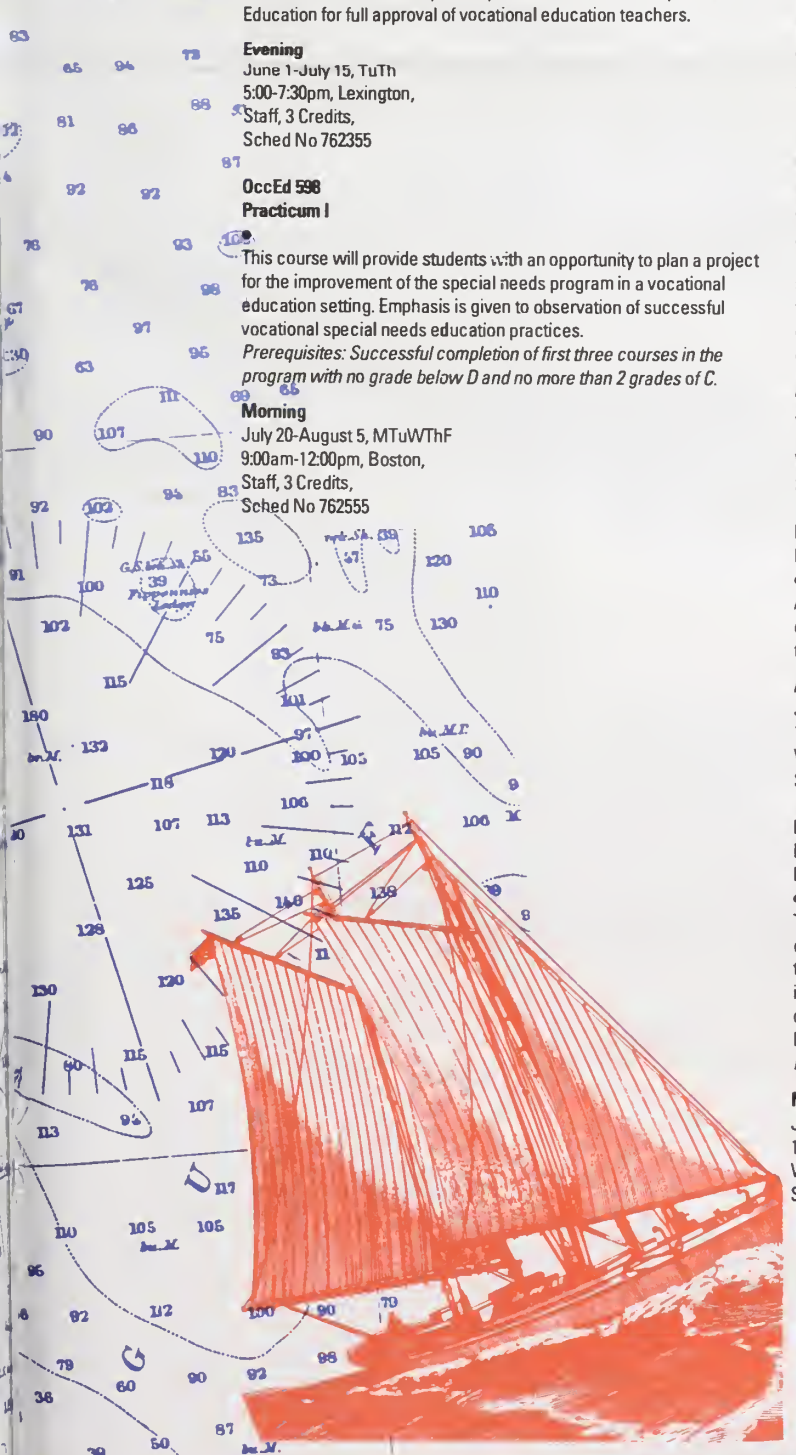
Evening
June 1-July 15, MW
7:30-10:00pm, Lexington,
Staff, 3 Credits,
Sched No 762155

OccEd 205
Curriculum Development in Occupational Education
●
This course is designed to help the student develop and implement competency-based vocational education materials and procedures, including a program task list and a program advisory committee. This is one of the six courses required by the Massachusetts Department of Education for full approval of vocational education teachers.

Evening
June 1-July 15, TuTh
5:00-7:30pm, Lexington,
Staff, 3 Credits,
Sched No 762355

OccEd 598
Practicum I
●
This course will provide students with an opportunity to plan a project for the improvement of the special needs program in a vocational education setting. Emphasis is given to observation of successful vocational special needs education practices.
Prerequisites: Successful completion of first three courses in the program with no grade below D and no more than 2 grades of C.

Morning
July 20-August 5, MTuWThF
9:00am-12:00pm, Boston,
Staff, 3 Credits,
Sched No 762555



Philosophy

Phil 100
Introduction to Philosophy
●
An introductory examination of the problems and scope of philosophy.
Distribution Area: Philosophical and Humanistic Studies.

Midday/Afternoon
June 1-July 15, MTuWTh
11:45am-1:15pm, Harbor Campus
W/1/045, Staff, 3 Credits,
Sched No 764303

Evening
June 1-July 15, TuTh
6:00-9:00pm, Downtown Center
509, Staff, 3 Credits,
Sched No 764353

Afternoon
July 20-August 27, TuTh
1:30-4:30pm, Harbor Campus
W/1/054, Staff, 3 Credits,
Sched No 764408

July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/047, Staff, 3 Credits,
Sched No 764458

Phil C108
Moral and Social Problems
●
Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, and sexism.
Distribution Area: Philosophical and Humanistic Studies.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/044, Staff, 3 Credits,
Sched No 763559

Midday/Afternoon
June 1-July 15, TuTh
1:30-4:30pm, Harbor Campus,
W/1/012, Staff, 3 Credits,
Sched No 763604

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/1/060, Staff, 3 Credits,
Sched No 763709

July 20-August 27, MTuWTh
11:45am-1:15pm, Harbor Campus
W/1/020, Staff, 3 Credits,
Sched No 763654

Phil 120
Introduction to Logic
●
The forms of valid reasoning, deductive and inductive, and their role in reflective thinking; formal logic, truth functions, quantifiers, proofs of formal adequacy, the classical problem and new riddle of induction, reasoning with probabilities, and elements of game theory.
Distribution Area: Mathematics and Computer Languages.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/045, Staff, 3 Credits,
Sched No 764658

July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
W/1/044, Staff, 3 Credits,
Sched No 764703

Phil 180a
Right to Privacy
●
An examination of the moral, legal and social implications of the right to privacy. After a consideration of the historical development of this idea in philosophical, legal and literary sources, we will turn to an examination of some current issues that involve the right to privacy, including drug testing and genetic screening, the abortion issue and computer databases on citizens.

Afternoon
June 1-June 29, MW
1:30-4:30pm, Harbor Campus
W/2/124, Mr Flesche, 2 Credits,
Sched No 764769

Phil 180b
Freedom of Speech
●
A study of the idea of free speech through several classic texts, court opinions and some recent case studies. Examination of conflicts between the values of free expression and other social values.

Afternoon
July 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/2/124, Mr Flesche, 1 Credit,
Sched No 764797

Phil C208
Existential Themes in Philosophy and Literature
●
This course introduces the area of philosophical and humanistic studies by means of a consideration of existentialist ideas in both literature and philosophy. Issues will be chosen from a list including the self in relation to others; authenticity, self-deception, and bad faith; freedom and responsibility; death and the meaning of life; and the possibility of objective knowledge.
Distribution Area: Philosophical and Humanistic Studies.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/045, Staff, 3 Credits,
Sched No 763909

Phil C209
Individual and Community
●
This course is a thematic introduction to methods and ideas central to philosophical and humanistic inquiry. The course will take up a series of ideas and thinkers linked by their relation to the theme of the individual in his or her relation to the community. Readings introduced in this course provide a suitable conceptual foundation for a student's inquiry into basic intellectual assumptions and questions of value.
Distribution Area: Philosophical and Humanistic Studies.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/1/044, Staff, 3 Credits,
Sched No 764103

Phil 210
Philosophy of Education
●
Philosophical ideas and concepts relevant to the nature and aims of education.
Distribution Area: Philosophical and Humanistic Studies.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/045, Staff, 3 Credits,
Sched No 764903

Phil 222
Moral Issues in Medicine
●
Concepts of health, illness, healing, under different paradigms of medicine. Is medicine an art or a science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g., in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self-help, right to health care or to refuse treatment. Social and political questions of health care organization.
Distribution Area: Philosophical and Humanistic Studies.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/1/054, Staff, 3 Credits,
Sched No 765107

Physics

Phys 107
College Physics I
●
Non-calculus introductory physics for life-science students and others with a program requirement for a year of physics at this level. Topics include mechanics, fluids, wave motion, kinetic theory of gases, temperature, and heat. Students should enroll concurrently in Phys 181 unless exempted by the instructor.
Prerequisite: Math 130 or permission of instructor.
Distribution Area: Natural Sciences.

Morning
Lect: June-July 15, MTuWTh
8:15-9:45am, Harbor Campus
S/1/006, Staff, 3 Credits,
Sched No 765507

Disc: June 1-July 15, TuTh
10:00-10:50am, Harbor Campus
S/2/062,
Sched No 765652

Disc: June 1-July 15, MW
10:00-10:50am, Harbor Campus
S/2/062,
Sched No 765602

Disc: June 1-July 15, MW
11:00-11:50am, Harbor Campus
S/2/062,
Sched No 765707

Students who register for the daytime lecture must also register for a daytime discussion section and, if taking a lab (Phys 181), for a daytime lab section.

Registration for daytime discussion sections is tentative; permanent assignments will be made on the first day of class. For information, call 617-287-6050.

Evening
Lect: June 1-July 15, MTuWTh
5:30-7:00pm, Harbor Campus
M/2/423, Staff, 3 credits,
Sched No 765557

Disc: June 1-July 15, MTh
7:10-8:50pm, Harbor Campus
M/2/423,
Sched No 765757

Students who register for the evening lecture must also register for an evening discussion section and, if taking a lab, for an evening lab section.

Undergraduate Courses (continued)

Phys 108
College Physics II
•
A continuation of Phys 107. Topics include thermodynamics, electricity and magnetism; optics; and a preview of modern physics. Students should enroll concurrently in Phys 182 unless exempted by the instructor.
Prerequisite: Phys 107 or permission of instructor.
Corequisite: Phys 182.
Distribution Area: Natural Sciences.

Morning
Lect: July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
S/1/006, Staff, 3 Credits,
Sched No 765957

Disc: July 20-August 27, TuTh
10:00-10:50am, Harbor Campus
S/2/062,
Sched No 766101

Disc: July 20-August 27, MW
10:00-10:50am, Harbor Campus
S/2/062,
Sched No 766056

Disc: July 20-August 27, MW
11:00-11:50am, Harbor Campus
S/2/062, Staff,
Sched No 766151

Students who register for the daytime lecture must also register for a daytime discussion section and, if taking a lab (Phys 182), for a daytime lab section.

Registration for daytime discussion sections is tentative; permanent assignments will be made on the first day of classes. For information call 617 287-6050.

Evening
Lect: July 20-August 27, MTuWTh
5:30-7:00pm, Harbor Campus
M/2/423. Staff, 3 Credits,
Sched No 766006

Disc: July 20-August 27, TuTh
7:10-8:50pm, Harbor Campus
M/2/423,
Sched No 766206

Students who register for the evening lecture must also register for an evening discussion section and, if taking a lab, for an evening lab section.

Phys 113
Fundamentals of Physics I
•
The first semester of calculus-level introductory physics. Topics include mechanics, hydrodynamics, waves, kinetic theory, and heat. Students should enroll concurrently in Phys 181 unless exempted by the instructor.
Corequisite: Math 140; corequisite for physics majors: Phys 181.
Distribution Area: Natural Sciences.

Morning
Lect: June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
S/2/065, Staff, 4 Credits,
Sched No 766406

Disc: June 1-July 15, MTuWTh
11:00-11:50am, Harbor Campus
S/2/065,
Sched No 766551

Disc: June 1-July 15, MTuWTh
10:00-10:50am, Harbor Campus
S/2/065,
Sched No 766501

Students who register for the daytime lecture must also register for a daytime discussion section and, if taking a lab (Phys 181), for a daytime lab section.

Registration for daytime discussion sections is tentative; permanent assignments will be made on the first day of classes. For information, call 617 287-6050.

Evening
Lect: June 1-July 15, MTuWTh
5:30-7:00pm, Harbor Campus
S/2/065, Staff, 4 Credits,
Sched No 766456

Disc: June 1-July 15, MTh
7:10-8:50pm, Harbor Campus
S/2/065,
Sched No 766606

Students who register for the evening lecture must also register for an evening discussion section and, if taking a lab, for an evening lab section.

Phys 114
Fundamentals of Physics II
•
The second semester of calculus-level introductory physics. Topics include thermodynamics, electricity and magnetism, geometrical and wave optics. Students should enroll concurrently in Phys 182 unless exempted by the instructor.

Note: Phys 114 may be substituted for Math 260 as strongly recommended preparation for Math 240.
Prerequisite: Phys 113 or permission of instructor.
Corequisite: Math 141; corequisite for physics majors: Phys 182.
Distribution Area: Natural Sciences.

Morning
Lect: July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
S/2/065, Staff, 4 Credits,
Sched No 766806

Disc: July 20-August 27, MTuWTh
11:00-11:50am, Harbor Campus
S/2/065,
Sched No 766951

Disc: July 20-August 27, MTuWTh
10:00-10:50am, Harbor Campus
S/2/065,
Sched No 766901

Students who register for the daytime lecture must also register for a daytime discussion section and, if taking a lab (Phys 182), for a daytime lab section.

Registration for daytime discussion sections is tentative; permanent assignments will be made on the first day of classes. For information, call 617 287-6050.

Evening
Lect: July 20-August 27, MTuWTh
5:30-7:00pm, Harbor Campus
S/2/065, Staff, 4 Credits,
Sched No 766856

Disc: July 20-August 27, MTh
7:10-8:50pm, Harbor Campus
S/2/065,
Sched No 767000

Students who register for the evening lecture must also register for an evening discussion section and, if taking a lab, for an evening lab section.

Phys 181
Physics Laboratory I
•
Exploration of basic physical phenomena through laboratory work. Experiments in kinematics, mechanics, and hydrostatics. This course is designed to accompany either level of introductory physics.

Note: The fee for this one credit course is $120.00.
Corequisite: Phys 107 or 113.

Midday/Afternoon
June 1-July 15, M
11:30am-2:00pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767200

June 1-July 15, W
11:30am-2:00pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767305

June 1-July 15, Tu
11:30am-2:00pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767250

June 1-July 15, Th
11:30am-2:00pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767355

Students registering for a daytime lab section must also register for a daytime lecture and discussion section.

Evening
June 1-July 15, Tu
7:10-9:40pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767400

June 1-July 15, W
7:10-9:40pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767450

Students registering for an evening lab section must also register for an evening lecture and discussion section.

Phys 182
Physics Laboratory II
•
Exploration of basic physical phenomena through laboratory work. Experiments in thermodynamics, electricity, magnetism, and optics. This course is designed to accompany either level of introductory physics.

Note: The fee for this one credit course is $120.00

Midday/Afternoon
July 20-August 27, M
11:30am-2:00pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767650

July 20-August 27, W
11:30am-2:00pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767755

July 20-August 27, Tu
11:30am-2:00pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767705

July 20-August 27, Th
11:30am-2:00pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767800

Students registering for a daytime lab section must also register for a daytime lecture and discussion section.

Evening
July 20-August 27, Tu
7:10-9:40pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767850

July 20-August 27, W
7:10-9:40pm, Harbor Campus
S/3/029, Lab Fee: $10.00, 1 Credit,
Sched No 767905

Students registering for an evening lab section must also register for an evening lecture and discussion section.

This man wants YOU to enlist in Hist 379 (page 12).

Political Science

PolSci 122
Government and Politics of the United States
•
The three main branches of the national government, federalism, political parties, interest groups, and governmental functions.
Distribution Area: Social and Behavioral Sciences.

Midday/Afternoon
June 1-July 15, MTuWTh
11:45am-1:15pm, Harbor Campus
M/2/616, Mr Ward, 3 Credits,
Sched No 768759

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
M/1/608, Staff, 3 Credits,
Sched No 768804

PolSci C123
Political Ideas of the Twentieth Century
•
Major political viewpoints of the present, including conservatism, liberalism, Marxism, and fascism.
Distribution Area: Social and Behavioral Sciences.

Afternoon
July 20-August 27, TuTh
1:30-4:30pm, Harbor Campus
M/2/206, Ms Keen, 3 Credits,
Sched No 768359

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/1/619, Mr Kiros, 3 Credits,
Sched No 768309

PolSci 201
Comparative Politics of Industrialized Societies
•
Introductory survey of political systems in the industrialized world, including the United States, Europe, and Japan.
Distribution Area: Social and Behavioral Sciences.

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
M/2/206, Mr Way, 3 Credits,
Sched No 769008

PolSci 203
Public Policy
•
The process of policy making in Washington and the manner and effects of policy implementation in states and localities.
Prerequisite: Sophomore standing.
Distribution Area: Social and Behavioral Sciences.

Morning
July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
M/1/616, Mr Greco, 3 Credits,
Sched No 769208

PolSci 220
International Relations
•
Through the examination of past and current international events, this course identifies basic principles and concepts which explain the behavior of nations; and it provides an introduction to the general area of social and behavioral sciences.
Prerequisite: Sophomore standing.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
M/2/616, Mr Langley, 3 Credits,
Sched No 769458

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/2/214, Ms Peters, 3 Credits,
Sched No 769503

Afternoon
June 1-July 15, TuTh
1:30-4:30pm, Harbor Campus
M/2/206, Ms Keen, 3 Credits,
Sched No 769408

PolSci C252
Modern Political Thought
•
The history of Western political ideas from the time of Machiavelli to that of Marx.
Prerequisite: Sophomore standing.
Distribution Area: Historical and Cultural Studies.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
M/2/419, Mr Ward, 3 Credits,
Sched No 768559

PolSci 315
American Political Behavior

•

A close examination of the major areas of theory and research on American political behavior: public opinion and political attitudes; political participation; elections and voting; and political socialization. Both social-psychological and structural and institutional factors are stressed.
Prerequisite: Junior standing.

Afternoon
July 20-August 27, MW
1:30-4:30pm, Harbor Campus
M/2/419, Staff, 3 Credits,
Sched No 769703

PolSci 318
The Legislative Process

•

The function of national and state legislatures, and the role played by political parties and interest groups in legislatures.
Prerequisite: Junior standing.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
M/2/419, Ms Natoli, 3 Credits,
Sched No 769903

PolSci 371
Latin American Politics

•

An analysis of social structure and political behavior of various groups in Latin America, of a variety of forms of political participation at grass roots and national levels, and of the influence of technologically advanced countries on the politics of Latin America.
Prerequisite: Junior standing.

Midday/Afternoon
July 20-August 27, MTuWTh
11:45am-1:15pm, Harbor Campus
M/2/616, Mr Greco, 3 Credits,
Sched No 770100

PolSci 377a
Japan and the World

•

This course seeks to help the student understand Japan's present place and probable future role in the world, by looking at a number of Japan's international relationship: with the US, China, Western Europe, the USSR, Korea, the Third World (especially, but not limited to, Latin America and Southeast Asia), the IMF and World Bank, and the United Nations. The course also analyzes certain theoretical underpinnings of Japan's foreign policy, and examines scenarios and models for Japan's future.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
M/2/206, Mr Langley, 3 Credits,
Sched No 770300

PolSci 377b
Politics of the Middle East

•

This course examines the political culture of the Middle East, and, in particular, traces and explains the upsurge in political anger in the area since 1948. Particular emphasis is given to the modern political history of Lebanon and Iran, and the Arab-Israeli conflict.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
M/1/617, Ms Keen, 3 Credits,
Sched No 770500

PolSci 377c
The New World Order or Disorder? American National Security in the 1990s

•

The Cold War is over, there is peace in the Persian Gulf, in Cambodia, Nicaragua, and Angola, but no peace dividend. Why? Western Europe is uniting, but the Soviet Union is disintegrating. Does this mean that the US should keep its troops in Europe or pull them out? The US is the world's strongest military power, but does this increase or decrease American power? The purpose of this course is to help the student find answers to these and other questions about the nature and sources of American security in the 1990s. The course will analyze the emerging post-Cold War environment and explore its implications for American national security, through both lectures and seminars. Each Tuesday the instructor will introduce a new subject — the Third World and American security, the economic dimensions of security, the Japanese challenge — and every Thursday the class will discuss and debate a series of readings on that subject.

The course is designed for juniors and seniors in Political Science, but is open to those from other disciplines.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/1/614, Mr Smith, 3 Credits,
Sched No 770700

PolSci 377d
International Implications of the End of the Soviet Empire

•

Following a review of the formation of the Soviet Union and the role it played in international politics beginning with the Revolution, the course focuses on a systematic exploration of the more important issues raised by its dissolution. These cluster around the implications of the decline of one of the two superpowers and the emergence of fifteen new states. Is the international system more or less stable? Why is ethnic conflict becoming more prevalent? Is war more or less likely? What is the role of international organization in protecting ethnic minorities and preventing or resolving conflict and war? These are among the questions the course addresses.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
M/1/617, Ms Peters, 3 Credits,
Sched No 770900

Political Science Department Internships

Political Science majors and other well-qualified students may receive academic credit for off-campus internships during the summer. Placements are available in federal, state, and local government, the media, not-for-profit agencies, community organizations, and other settings. Admission to the program is by permission of the department only. For further information, contact the Political Science Department at 287-6290.

Special Program: The New Europe

Field Study and Seminar in Ireland
June 8-July 5, 1992

•

UMass/Boston's summer program in political economy and culture is structured around a seminar and field study sequence that focuses on conditions in particular countries, while also addressing broader political, economic, and cultural issues. Unlike study abroad programs which typically consist of regular college courses offered in a different setting, this program provides a dynamic learning experience by combining a lively blend of academic course work with numerous field trips and meetings with local leaders. Over the past three years, the program has considered rapidly changing conditions in Europe; the emergence of the European Community as the largest political-economic entity in the world (Europe '92); the reunification of Germany; the rapid political-economic changes occurring in Eastern Europe; and the dramatic transformation of the Soviet Union into separate nations.

The program entails one week of study and research at UMass/Boston and three weeks of study and research in Ireland, addressing the following areas:

- the historical context that has shaped modern Ireland
- the present socio-political context, with particular attention to sectarian issues
- the new dynamism and the developmental programs which are transforming the region and casting Ireland as a gateway to the European Community
- the complex relations among the Republic of Ireland, Northern Ireland, and Britain
- the special role of regional development programs within the European Community

Participants in the program can earn nine academic credits from UMass/Boston's Political Science Department. It is also possible for students to make special arrangements through UMass/Boston's History Department to cover pertinent material, prepare a final project under the guidance of a History Department faculty member, and to obtain their academic credits from that department.

The program runs from June 8 through July 5. From June 8 through June 12, students will meet for a daily seminar at UMass/Boston. Departure for Ireland will be on June 13, with return to Boston on July 5.

The program fee is $1,950. This fee covers all instruction, field trips, housing and some meals, and all local transportation in Ireland, including special trips to Dublin and other cities. The fee does not cover books, insurance, transportation between the United States and Ireland, or accommodations in Boston.

The program is designed for students with some background in the social sciences, regardless of major. All students interested in the political economy and culture of Europe in general, or of Ireland in particular, are encouraged to apply and arrange for an interview. The selection process is designed to assure a synergistic relationship between the background of each student and the program's goals and demands. For further information or application materials, please call the Division of Continuing Education at 617 287-7915.

Psychology

Psych 101
Introductory Psychology

•

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
M/1/608, Ms Conrad, 3 Credits,
Sched No 771904

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
M/1/608, Mr Cicchetti, 3 Credits,
Sched No 771954

Afternoon
July 20-August 27, TuTh
1:30-4:30pm, Harbor Campus
M/2/423, Staff, 3 Credits,
Sched No 772003

July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/2/206, Mr Brennan, 3 Credits,
Sched No 772053

Psych 102
Introduction to Behavioral Research

•

An introduction to the ways of discovering, describing, and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.
Prerequisite: Psych 101.
Distribution Area: Social and Behavioral Sciences.

Morning
July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
M/1/608, Staff, 3 Credits,
Sched No 772308

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/1/418, Mr Buchanan, 3 Credits,
Sched No 772253

Psych 200
Personality

•

Conceptions of human nature are examined in light of various theories of personality. This course focuses on the theories of Freud, Adler, Sullivan, Erikson, Kelly, ego psychologists, and other theorists presenting the behavioristic and humanistic perspectives. Among the topics to be addressed are personality structure and its development; stress and coping; neurotic styles; and human motives and their measurement.
Prerequisite: Psych 101.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
M/1/418, Mr Schnell, 3 Credits,
Sched No 772558

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/2/621, Ms Feinstein, 3 Credits,
Sched No 772508

Afternoon
July 20-August 27, MW
1:30-4:30pm, Harbor Campus
M/1/418, Staff, 3 Credits,
Sched No 772603

Psych 215
Abnormal Psychology

This course examines the range of common psychological disorders and their characteristic symptoms, possible causes, and treatment. It takes a critical scientific approach to the criteria used to define psychological abnormality, the theories used to explain it, and the therapies used to treat it.
Prerequisite: Psych 101.
Distribution Area: Social and Behavioral Sciences.

Afternoon
June 1-July 15, TuTh
1:30-4:30pm, Harbor Campus
M/1/418, Ms Feinstein, 3 Credits,
Sched No 772803

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/2/621, Ms Feinstein, 3 Credits,
Sched No 772853

Psych 230
Social Psychology

•

A scientific attempt to understand and explain how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others; focuses on the drama of social interaction.
Prerequisite: Psych 101.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
M/1/418, Ms Conrad, 3 Credits,
Sched No 773057

Afternoon
July 20-August 27, TuTh
1:30-4:30pm, Harbor Campus
M/1/418, Ms Conrad, 3 Credits,
Sched No 773102

Partial refunds will be granted to students who withdraw from summer courses prior to the third class meeting. No refunds will be granted after the third class meeting. Please see "Refunds upon Withdrawal" on p. 4.

Undergraduate Courses (continued)

Psych 241
Infancy and Childhood Development
•
This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis is placed on early perceptual, cognitive, social, and affective development bearing the following questions in mind: How does the world of space and objects appear to the infant? How does he or she acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role is played by the significant people in his or her life?
Prerequisite: Psych 101.
Distribution Area: Social and Behavioral Sciences.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
M/1/418, Ms Harrison, 3 Credits,
Sched No 773302

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/1/418, Staff, 3 Credits,
Sched No 773352

Psych 242
Adolescence
•
This course is designed to acquaint students with psychological characteristics of adolescent development, theoretical approaches to adolescence, and experimental studies of the causes of a variety of behaviors during adolescence. The course also focuses on major problems and characteristics of adolescents in modern society.
Prerequisite: Psych 101.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
M/2/621, Ms Dziak, 3 Credits,
Sched No 773552

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/2/206, Ms Feinstein, 3 Credits,
Sched No 773607

Afternoon
July 20-August 27, TuTh
1:30-4:30pm, Harbor Campus
M/2/616, Mr Schnell, 3 Credits,
Sched No 773657

Psych 250
Learning and Memory
•
An introduction to current views of behavioral change, learning, and remembering. The course focuses on concepts, theoretical issues, and applications of current research.
Prerequisite: Psych 101.
Distribution Area: Social and Behavioral Sciences.

Afternoon
July 20-August 27 TuTh
1:30-4:30pm, Harbor Campus
M/2/428, Mr Brennan, 3 Credits,
Sched No 773902

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
M/1/614, Ms Dziak, 3 Credits,
Sched No 773857

Psych 260
Physiological Psychology
•
An examination, in depth, of selected topics in physiological psychology, including the evolution of the vertebrate nervous system, communication in the central nervous system, emotion, reward and punishment, and physiological methodology.
Prerequisite: Psych 101 or Biol 111.
Distribution Area: Social and Behavioral Sciences.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
M/2/621, Ms Wainwright, 3 Credits,
Sched No 774106

Psych 335
Social Attitudes and Public Opinion
•
This course examines the nature of attitudes, beliefs, and values, and the influences which individuals' attitudes have upon their behavior. Various theories of attitude organization and attitude change are discussed, and the development of social attitudes is explored by examining the differential impact of the family, the educational system, the mass media, and the general social environment. The changing content of public opinion over time and its relationship to the political system are also discussed.
Prerequisites: Psych 101, Psych 230, Z270 or 102.

Afternoon
July 20-August 27, MW
1:30-4:30pm, Harbor Campus
M/1/614, Mr Conrad, 3 Credits,
Sched No 774306

Psych 338
Community Psychology
•
Contributions of psychology to the understanding of human communities. Community mental health, ecological, and social structural approaches to community psychology are examined.
Prerequisites: Psych 101 and 215, or Psych 230.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/1/428, Mr Cicchetti, 3 Credits,
Sched No 774506

Psych 360
Neuropsychology of Higher Cognitive Processes
•
The neural basis of higher cognitive functions, such as perception, language, and memory, including a consideration of human brain damage and psychological tests used to assess such damage.
Prerequisites: Psych 101 and 260.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
M/1/614, Mr McNamara, 3 Credits,
Sched No 774706

Psych 420
Principles of Psychotherapy
•
Psychotherapy is defined and a number of existing systems of psychotherapy are studied and compared through close reading of cases reported in the literature by the originators of each system.
Prerequisites: Psych 101, 200, and 215.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
M/1/617, Ms Jette, 3 Credits,
Sched No 774906

Psych 650
Advanced Cognitive Psychology
•
A survey of the field of cognitive psychology from an information-processing viewpoint. This course considers how people encode, organize, transform and output information. Emphasis is given to such topics as concept formation, problem-solving, and creative thinking.
Prerequisites: CCT 601 and CCT 602, or permission of instructor. Undergraduate psychology majors may take this course, with the permission of the instructor; it will count toward their major requirement as a 300- or 400-level course elective.

Please note special course fee schedule under Graduate Program in Critical and Creative Thinking on page 25.

Afternoon
July 13-July 31, MTuThF
1:00-4:00pm, Harbor Campus
W/1/052, Mr Schwartz, 3 Credits,
Sched No 775100

Study of Religion

RelStd C104
Socrates, Jesus, and Buddha
•
A study of three great paradigmatic figures and the different ways of life and views of reality that they represented. Attention to the social-cultural contexts in which they emerged; critical evaluation of Socrates and Jesus as sources of Western values; and exploration of why the Buddha has recently become an attractive alternative.
Distribution Area: Philosophical and Humanistic Studies.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
M/1/417, Mr LaFargue, 3 Credits,
Sched No 775500

RelStd 232
Religions of the East
•
A study of religious expression in China and Japan with special emphasis on Confucianism, Taoism, Buddhism and Shinto.
Distribution Area: Philosophical and Humanistic Studies.

Midday/Afternoon
June 1-July 1, MTuWTh
11:45am-1:45pm, Harbor Campus
W/1/062, Mr LaFargue, 3 Credits,
Sched No 775900

RelStd 242
New Testament, Judaism, and Hellenistic Religion
•
A study of the religion and the literature of early Christianity in comparison with other, contemporary, Jewish movements — Pharisees, Essenes, etc. and with Hellenistic philosophy and mystery religions. Concentration on the career and teachings of Jesus of Nazareth, the interpretation of his significance, and the development and diversity of the Christian movement. Some attention to modern literary, musical, and cinematic interpretations.
Distribution Area: Philosophical and Humanistic Studies.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
M/1/428, Ms Moore, 3 Credits,
Sched No 776104

RelStd C273
Problems in Religion and Ethics
•
Consideration of certain religious-ethical perspectives on a few key social issues such as medical ethics, racial and sexual oppression, poverty, and violence. Concentration on three or four different positions such as those of Cox, Daly, Heschel, King, Niebuhr, Vatican II, and Third-World Catholic figures.
Distribution Area: Philosophical and Humanistic Studies.

Afternoon
July 20-August 27, MW
1:30-4:30pm, Harbor Campus
W/1/056, Ms Moore, 3 Credits,
Sched No 775700

Russian

Note: Courses in Russian are now housed in the Department of Modern Languages.

Russ 101
Elementary Russian I
•
Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in Russian. Weekly laboratory attendance and assignments required.
Distribution Area: Foreign Languages.

Morning
June 1-July 1, MTuWTh
10:00am-12:30pm, Harbor Campus
W/1/012, Staff, 4 Credits,
Sched No 776504

Lab: June 1-July 1,
By Arrangement,
Lab Fee: $10.00,
Sched No 776554

Russ 102
Elementary Russian II
•
Continuation of Russ 101.
Distribution Area: Foreign Languages.

Morning
July 7-August 5, MTuWTh
10:00am-12:30pm, Harbor Campus
W/1/012, Staff, 4 Credits,
Sched No 776754

Lab: July 7-August 5,
By Arrangement,
Lab Fee: $10.00,
Sched No 776809

Sociology

Sociol 101
Introduction to Sociology
•
The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/054, Mr Jacobs, 3 Credits,
Sched No 777803

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/009, Ms Adriance, 3 Credits,
Sched No 777853

Midday/Afternoon
July 20-August 27, MTuWTh
11:45am-1:15pm, Harbor Campus
W/1/054, Mr Michels, 3 Credits,
Sched No 777908

July 20-August 27, MW
6:00-9:00pm, Downtown Center
510, Mr Cook, 3 Credits,
Sched No 777958

Sociol C103
American Society: Socioeconomic Aspects
•
An examination of the development and the dynamics of the social structure and political economy of contemporary US society. Topics include the shape and historical development of the economic structure; trends and consequences of monopolization; ownership and control of the major corporations; multinationals and the consequences of foreign expansion; postwar foreign policy; theories of social class; trends within the occupational structure; poverty.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/044, Mr Jacobs, 3 Credits,
Sched No 777403

Sociol C140
Life Cycle
•
This course focuses on youth, adulthood, and old age; it examines the way in which, during different stages in life, different kinds of relationships rise and fall in importance. It considers the meaning of work at different stages and, in general, how individuals and groups cope with change.
Distribution Area: Social and Behavioral Sciences.

Morning
July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
W/1/052, Mr Kefayati, 3 Credits,
Sched No 777603

Students withdrawing from summer session courses must submit a withdrawal form to the Summer Session Registration Center by the deadline indicated in the Academic Calendar. Failure to submit a withdrawal form before 4:00pm on the last day of the withdrawal period will result in a grade of "F." Please see "Withdrawing from Courses" on page 24.

Sociol 160
Social Problems
•
A course concentrating on institutional formation and change. Specifically, it covers the definition and explanation of social problems, individual, group and governmental responses to them, implications of social policy, in-depth case studies, and discussion of contemporary social problems.
Prerequisite: Sociol 101
Distribution Area: Social and Behavioral Sciences.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/046, Mr Kefayati, 3 Credits,
Sched No 778152

Sociol 180a
Issues in Family Violence
•
This course focuses on the awareness and the understanding of family violence (for example, child abuse, spouse abuse) as a social problem. It seeks to help participants grasp the psychological complexities of this problem, understand the laws that exist to deal with it, and address ways of dealing with family violence in our society.

Evening
June 2-June 25, TuTh
6:00-9:00pm, Harbor Campus
W/1/055, Ms Herr, 2 Credits,
Sched No 778196

Sociol 180b
Child Abuse
•
The goal of this course is to help address ways of decreasing the incidence of child abuse in our society, by providing students with a clearer understanding of child abuse as a social problem; with some grasp of the psychological complexities of child abuse, for the victim and the perpetrator; and with an awareness of Massachusetts laws dealing with child abuse.

Evening
June 30-July 14, TuTh
6:00-9:00pm, Harbor Campus
W/1/055, Ms Herr, 1 Credit,
Sched No 778213

Sociol 180c
Rape and Sexual Assault
•
This course looks at the legal, psychological and sociological aspects of rape and sexual assault in American society. Its multi-dimensional approach includes actual individual accounts, review of case law, films, and mock trials.

Evening
July 21-August 13, TuTh
6:00-9:00pm, Harbor Campus,
W/1/055, Ms Herr, 2 Credits,
Sched No 778235

Sociol 180d
Incest
•
This course examines incest as a problem for families and for society as a whole. It explores the psychological consequences for both victims and perpetrators, the effectiveness of the laws that deal with incest, and other options for preventing sexual abuse.

Evening
August 18-August 27, TuTh
6:00-9:00pm, Harbor Campus,
W/1/055, Ms Herr, 1 Credit,
Sched No 778257

Sociol 242
Family
•
A comparative and historical analysis of family systems. Emphasis on the development and future prospects of the nuclear family in middle-class industrial society.
Prerequisite: Sociol 101.
Distribution Area: Social and Behavioral Sciences.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/1/054, Mr Carrington, 3 Credits,
Sched No 778352

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/2/198, Mr Michels, 3 Credits,
Sched No 778407

Sociol 281
Society and the Individual
•
Basic survey of the social environment of individuals.
Prerequisite: Sociol 101.
Distribution Area: Social and Behavioral Sciences.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
W/1/009, Mr Movahedi, 3 Credits,
Sched No 778807

Sociol 321
Racial and Ethnic Relations
•
Conflicts and accommodations among differing racial and ethnic groups. The nature and character of prejudices and discrimination. Minority-majority relations in selected societies.
Prerequisite: Sociol 101

Morning
July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
W/1/054, Staff, 3 Credits,
Sched No 779001

Sociol 341
Elements of Social Theory
•
Reading and discussion of basic sociological works in theory. Relevance of earlier and contemporary sociological interests and research.
Prerequisites: Sociol 101 and junior standing.

Afternoon
June 1-July 15, TuTh
1:30-4:30pm, Harbor Campus
W/1/054, Ms Adriance, 3 Credits,
Sched No 779201

Sociol 342
Aging and Society
•
An examination of theories and research on aging and society. The course is organized into two sections. The first explores the general relationship of the aging process and the aged to the social, economic, and political systems in a youth-oriented and work-oriented society. The second draws upon cross-national and cross-cultural material.
Prerequisite: Sociol 101.

Afternoon
June 1-July 15, TuTh
1:30-4:30pm, Harbor Campus
W/1/061, Mr Kamara, 3 Credits,
Sched No 779401

Sociol 351
Methods of Sociological Research
•
Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: Sociol 101 and junior standing.

Morning
June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
W/1/054, Mr Movahedi, 3 Credits,
Sched No 779601

Sociol 368
Alcoholism: Etiology and Epidemiology
•
An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and residents of Skid Row.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/2/198, Mr Mulvey, 3 Credits,
Sched No 779801

Sociol 369
Alcoholism: Treatment and Prevention
•
An intensive examination of theories and research on the etiology of alcohol addiction, with special emphasis on their implications for treatment, prevention, and education programs; sociological factors influencing diagnosis and treatment outcomes; legal coercion treatment programs; behavioral, family therapy, and community reinforcement approaches; audiovisual media in alcohol education. Special attention to Alcoholics Anonymous and its related groups. Involves field trips to community agencies.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/1/009, Ms Mignon, 3 Credits,
Sched No 780008

Sociol 382
Social Psychology of Sex Roles: Men and Women in Society
•
An analysis of male and female roles in society with consideration of biological and psychological factors. Attention to socialization processes which reflect society's functional definition of acceptable and deviant sex roles.
Prerequisite: Sociol 101.

Midday/Afternoon
July 20-August 27, MTuWTh
11:45am-1:15pm, Harbor Campus
W/1/061, Ms Cordill, 3 Credits,
Sched No 780208

Sociol 480
Drugs and Society
•
The course will focus on the sociohistoric context of drug use. It will deal with historical and contemporary issues on both the societal and individual levels. Information will be presented on a variety of substances which are predominant in modern society, such as caffeine, nicotine, alcohol, opiates, and other drugs, and the impact they have on our lives.

Evening
June 1-July 15, MW
6:00-9:00pm, Downtown Center
510, Ms Knight, 3 Credits,
Sched No 780808

Spanish

Note: Courses in Spanish are now housed in the Department of Hispanic Studies.

Span 101
Elementary Spanish I
•
For students who have no creditable training in Spanish; intensive practice in the four language skills, with an audio-lingual approach. Lab required.
Distribution Area: Foreign Languages.

Morning
Lect: June 1-July 1, MTuWTh
8:00-10:00am, Harbor Campus
M/2/417, Staff, 4 Credits,
Sched No 781357

Lab: June 1-July 1,
By arrangement, Lab Fee: $10.00,
Sched No 781507

Lect: June 1-July 15, MTuWTh
10:00-11:30am, Harbor Campus
M/2/428, Staff, 4 Credits,
Sched No 781307

Lab: June 1-July 15,
By arrangement, Lab Fee $10.00,
Sched No 781402

Evening
Lect: June 1-July 15, TuWTh
6:00-8:00pm, Downtown Center
503, Staff, 4 Credits,
Sched No 781252

Lab: June 1-July 15,
By arrangement, Lab Fee $10.00,
Sched No 781452

Span 102
Elementary Spanish II
•
A continuation of Spanish 101.
Prerequisite: Span 101 or equivalent.
Distribution Area: Foreign Languages.

Morning
Lect: July 7-August 5, MTuWTh
8:00-10:00am, Harbor Campus
M/2/417, Staff, 4 Credits,
Sched No 781802

Lab: July 7-August 5,
By arrangement, Lab Fee $10.00,
Sched No 781957

Lect: July 20-August 27, MTuWTh
10:00-11:30am, Harbor Campus
M/2/419, Staff, 4 Credits,
Sched No 781707

Lab: July 20-August 27,
By arrangement, Lab Fee: $10.00,
Sched No 781852

Evening
Lect: July 20-August 27, TuWTh
6:00-8:00pm, Downtown Center
503, Staff, 4 Credits,
Sched No 781757

Lab: July 20-August 27,
By arrangement, Lab Fee: $10.00,
Sched No 781907

Span 201
Intermediate Spanish I
•
An oral and written review and further study of the language skills with readings in Spanish and Spanish-American literature and culture.
Prerequisite: Span 102 or equivalent.
Distribution Area: Foreign Languages.

Morning
June 1-July 15, MTuWTh
8:15-9:45am, Harbor Campus
M/1/417, Staff, 3 Credits,
Sched No 782551

Undergraduate Courses (continued)

Span 202
Intermediate Spanish II
•
A continuation of Spanish 201.
Prerequisite: Span 201 or equivalent.
Distribution Area: Foreign Languages.

Morning
July 20-August 27, MTuWTh
8:15-9:45am, Harbor Campus
M/1/417, Staff, 3 Credits,
Sched No 782806

Span 281
Composition and Conversation
•
Designed to provide practical training in oral and written expression to students with intermediate proficiency in Spanish. Recommended to students who wish to practice and improve their ability to communicate in Spanish. Involves frequent themes and oral reports. Not open to students whose first language is Spanish.
Prerequisite: Span 202 or equivalent.
Distribution Area: Foreign Languages.

Morning
July 7-August 5, MTuWTh
8:00-10:00am, Harbor Campus
M/1/614, Staff, 3 Credits,
Sched No 783050

Special Program: Spanish Translation and Interpretation

June 1-August 27
•
Each summer UMass/Boston's Hispanic Studies Department (formerly the Department of Spanish and Portuguese) offers a program focusing on the development of the basic skills of written and oral translation, and on the practice of these skills using a variety of materials, genres, and settings. Each component of the program carries six undergraduate credits.

A certificate in translation and interpretation is awarded upon successful completion of both the course work and a comprehensive examination given by a departmental panel.

All applicants must be interviewed. To make an appointment for an interview, please call the Hispanic Studies Department, 617- 287-7550.

Span 306
Introduction to the Techniques of Translation
•
Development of the basic techniques and skills needed for translation. Emphasis on translation into the native language with some practice in the opposite direction. Methods of contrastive linguistics to analyze pertinent aspects of language structure, involving syntax, vocabulary and style, are employed. Material for this course is taken from published translations of both literary and non-literary character. Students are given ample opportunity to apply these techniques through a series of translation assignments, which form the basis for class discussion.

Note: The fee for this six credit course is $625.00.

Morning/Midday
June 1-July 15, MTuWTh
10:00am-1:00pm,
Harbor Campus,
Staff, 6 Credits.

Span 307
Advanced Written Translation
•
Practice in translating a variety of genres and styles, both literary and non-literary, e.g., passages from cultural material, short stories and essays; government documents; scientific, commercial, and technical prose. Emphasis is on translating into the native language, but considerable practice is given in translating material in the commercial and human service fields from the native to the non-native language. Literary material is taken from various periods to make students aware of historical changes in vocabulary, syntax, tone and style.
Prerequisite: Span 306.

Note: The fee for this six credit course is $625.00.

Morning/Midday
July 20-August 27, MTuWTh
10:00am-1:00pm, Harbor Campus,
Staff, 6 Credits.

Span 308
Advanced Oral Translation
•
Designed for fully bilingual Spanish/English speakers, this course will train students in the techniques of consecutive and simultaneous interpretation and sight translation. Emphasis will be placed on accuracy, speed, delivery, command of professional lexicon, and awareness of the relationship between language and culture. Instruction will include field experience and conditions representative of actual situations.
Prerequisite: Span 306; demonstration of Spanish/English bilingual oral skills.

Note: The fee for this six credit course is $625.00.

Morning/Midday
July 20-August 27, MTuWTh
10:00am-1:00pm, Harbor Campus,
Staff, 6 Credits.

Special Program: Spanish and Culture in Cuernavaca, Mexico

June 2-July 5
•
Each summer UMass/Boston's Department of Hispanic Studies offers a special program in the beautiful city of Cuernavaca, Mexico, for students interested in learning Spanish and studying contemporary literature in a totally Hispanic cultural environment. Participants can earn up to six academic credits.

All instruction is provided by experienced native-speaking teachers. The program offers language instruction at the elementary, intermediate, and advanced level. In addition to language instruction, a three-credit course in the literature and civilization of contemporary Mexico is available to students who have completed two years of university-level Spanish or who can demonstrate language proficiency at the intermediate level.

The program fee is $1,295. This fee covers classroom instruction, materials, and program expenses including room, board, and transportation between Mexico City and Cuernavaca. Please note that the fee does not cover insurance or transportation between the United States and Mexico.

Students wishing to participate in this program must complete an application form available from the Division of Continuing Education. Priority will be given to those students who submit a completed application no later than April 17, 1992.

For further information and application materials, please fill out and return the form that is part of this folder or call the Division of Continuing Education at (617) 287-7900.

Theatre Arts

ThrArt Z125
Speech and Movement
•
Basics of voice-training, diction-improvement, diaphragmatic breathing, movement work for the stage; characterization-movement and movement to develop stage presence.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
M/2/008, Ms Tolbert, 3 Credits,
Sched No 787901

ThrArt Z232
Modern Dance Theatre Workshop
•
Different colors, textures, rhythms, and images expressed in body movement. The final project is a movement-dance-theatre piece incorporating all the techniques experienced in class.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
M/2/008, Ms Tolbert, 3 Credits,
Sched No 788105

Special Program: Playwriting and Performance on Nantucket Island

June 16-August 7
•
For twenty-five years, the Theatre Arts Department of UMass/Boston has offered training in theatre and film to professionals and students on Nantucket Island each summer. The emphasis has been on writing and performing for the stage and screen, resulting in the production of over ninety original works in this country and abroad. Students are expected to become acquainted with the roles of director, designer, and actor, and to perform these roles as required.

Comfortable residential accommodations are provided in the town of Nantucket in furnished apartments owned by the University. Classes are held at the historic Coffin School in the center of town.

This year's program consists of the following four-course sequence in play writing, performance, and production:

ThrArt 481a Script Analysis
•
ThrArt 481b Scene Study
•
ThrArt 482a Rehearsal Studio
•
ThrArt 482b Design Studio
•
This sequence gives participants the opportunity to examine and develop scripts, translate dialogue into character development, and integrate elements of performance preparation and production design into their work.

The fee for this twelve-credit course sequence, including housing, is $1,550. A non-credit option is available; special permission of the department is required.

To apply for admission, applicants should send a brief statement of their theatre experience and their academic history to:

Professor Louis Roberts, Chairperson
Theatre Arts Department
University of Massachusetts at Boston
Harbor Campus
100 Morrissey Blvd.
Boston, MA 02125-3393

Preference will be given to UMass/Boston theatre arts students.

The deadline for application is April 10, 1992. For further information, call or write:

Division of Continuing Education
University of Massachusetts at Boston
Harbor Campus
100 Morrissey Blvd.
Boston, MA 02125-3393
(617 287-7900)

Women's Studies

WoSt C150
Women, Culture, and Identity
•
An introductory level course examining the origins of present attitudes about women, the situation of women in patriarchal cultures, and efforts by women to achieve a self-defined female identity. Drawing on materials from myth, religion, philosophy, anthropology, feminist analysis, literature, and autobiography, the course investigates cultural beliefs about woman's "nature" and role at different times and places, attempts to explain the origins and persistence of woman's subordination, and women's efforts to define a new identity through political and creative activity.
Distribution Area: Philosophical and Humanistic Studies.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/012, Ms Cordill, 3 Credits,
Sched No 789309

WoSt Z20
Women and the Media
•
This course explores how the historical evolution and commercial orientation of mass communications media have helped shape the depiction of women and minorities in advertising, entertainment fictions, and news. Students learn to analyze visual imagery for its conceptual and emotional messages; to distinguish stereotypes from more complex characterizations in TV fictions; and to monitor the representations of women and other culturally subordinate groups in the print and broadcast news. Some consideration is given to the status of women and racial minorities in communications industries.

Note: WoSt C100 or C150 is recommended though not required.
Distribution Area: The Arts.

Afternoon
June 1-July 15, MW
1:30-4:30pm, Harbor Campus
W/1/056, Ms Lindsey, 3 Credits,
Sched No 789509

WoSt 250
Women and Aging
•
An interdisciplinary approach to aging processes in women. The course follows women from mid-life through old age. It examines, from a feminist perspective, the physical, psychological, social, economic, and occupational issues affecting women during the latter part of their lives. There is no prerequisite, but WoSt C100 is recommended.
Distribution Area: Social and Behavioral Sciences.

Afternoon
July 20-August 27, TuTh
1:30-4:30pm, Harbor Campus
W/1/056, Ms Manton, 3 Credits,
Sched No 789709

WoSt 260
Women and Health
•
This course focuses on women's concerns in relation to health. Topics include health issues unique to women (such as birth control, pregnancy, childbearing); nutrition; occupational health; health and aging; women as health workers; and the history, activities, and influence of the women's health movement. There is no prerequisite, but WoSt C100 is recommended.
Distribution Area: Social and Behavioral Sciences.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
M/1/417, Ms Cordill, 3 Credits,
Sched No 789909

WoSt Z280
Contemporary Women's Issues
•
This course explores social issues of current interest as they impact on women's everyday life and society. Topics include: Sexual harassment, poverty and homelessness, disability rights, parenting and childcare, and selected health issues.

Midday/Afternoon
June 1-July 1, MTuWTh
11:45am-1:45pm, Harbor Campus
W/1/057, Ms Morse, 3 Credits,
Sched No 790106

Graduate Courses

Special Program American Civilization

American Studies Summer Institute
July 13-24,1992

●

AmCiv 697
Politics, Culture and Technology: Global Problems and the Search For Solutions

●

Each year UMass/Boston invites school teachers and graduate students to take part in the American Studies Summer Institute, an intensive two-week program of lectures, discussions, and readings, at the John F Kennedy Library. Institute participants develop research papers or curriculum projects, and earn three graduate credits. This summer's program examines the state of the world on the brink of a new century. Participants will explore such topics as health care, pollution, population, food and nutrition, global warming, and energy. We will consider the interaction of individual, organizational, national, and global responses, and the manner in which differing cultural and political norms may enhance or inhibit the search for solutions. A distinguished group of scholars and guests will conduct the sessions under the direction of Paul Watanabe of UMass/Boston and Sheldon Stern of the Kennedy Library.
Prerequisite: Graduate standing.

The fee for this three-credit course is $100.00. Enrollment is limited and selective. For application materials and further information, please write or call: Summer Institute, Educational Projects Division, John F. Kennedy Library, Boston, MA 02125, 617-929-4554. The application deadline is June 1, 1992.

July 13-July 24,
By arrangement, JFK Library,
Mr. Watanabe, 3 Credits

Bilingual Studies/ESL

BES 641
Foundations of Bilingual/Multicultural Education

●

The rationale for bilingual education and its typology, with a survey of some successful Massachusetts programs. Special consideration given to the provisions of Title VII and the Massachusetts Transitional Bilingual Education Law.

Evening
June 1-July 1, MTuWTh
7:15-9:15pm, Harbor Campus
W/1/058, Mr Prou, 3 Credits,
Sched No 709200

BES 643
The Bilingual Child with Special Needs

●

Students in this course become familiar with the various types of testing needed for bilingual special needs children. The course surveys existing tests in intelligence, academic achievement, and language development, as well as post-test remediation and therapy.

Evening
June 1-July 1, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/058, Mr Prou, 3 Credits,
Sched No 709400

BES 664
Phonetics and Phonemics

●

This course covers the sound system of English principles of phonetics and phonemics and an introduction to phonology. Students practice using this knowledge to do error analysis and to teach aura/oral skills.

Evening
July 7-August 5, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/058, Mr Meyer, 3 Credits,
Sched No 709600

BES 697a
ESL For The Workplace

●

We will look at workplace ESL in the context of the growing national focus on work force education and training. We will examine models of employer sponsored, union sponsored, and collaborative programs, and consider the particular implications of learning and teaching in a workplace setting. Focus on approaches to curriculum and materials development, classroom activities, and evaluation.

Evening
July 7-August 5, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/061, Ms Nash, 3 Credits,
Sched No 709800

Business Administration (MBA)

Note: A student wishing to enroll in any of the 600-level MBA courses listed below under MBA, Management (MGT), Management Science and Information Systems (MS), or Marketing (MKT): 1) must be enrolled in UMass/Boston's MBA program, or in an MBA program elsewhere; and 2) must receive written permission from the director of the MBA Program before registering. For further information, call the MBA Program Office at 287-7720.

MBA 697a
Management of Environmental Issues

●

This course will provide an understanding of the impact and significance of current environmental issues as they relate to managerial decisions in the areas of marketing, production, finance, etc. Case studies and readings will focus on issues of air and water pollution, toxic discharges, resource management, and such global issues as the greenhouse effect, ozone depletion, and acid rain. The course will examine these issues from the perspectives of both society and business.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/2/126, Ms Diener, 3 Credits,
Sched No 752257

MGT 650
Organizational Theory and Behavior

●

Examines the organization at the macro level (organizational theory) and the micro level (organizational behavior), drawing on classical and contemporary theory and research. Relevant topics at the macro level include organizational structure and complexity as well as issues of effectiveness. Relevant topics at the micro level include motivation, power, leadership, communication, conflict, and decision-making.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/2/127, Mr Quaglieri, 3 Credits,
Sched No 754455

MGT 660
Business and Its Environment

●

Looks at the relationship of business to the external environment. The course considers business in relation to legal, social, political, and economic systems, focusing in particular on the impact of governmental regulation on business. The course also addresses the functioning of the American industrial enterprise in the context of the international business environment. Finally, through an examination of the role of ethics in management decision-making, the course explores how business organizations can operate effectively and responsibly in the context of the external environment.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/2/126, Mr McCarthy, 3 Credits,
Sched No 754855

MGT 664
The Legal Environment of Business

●

Seeks to help students broaden their understanding of our legal and regulatory system and how it affects them as business managers. Businesses have become increasingly subject to laws and regulations. Legal and regulatory provisions pervade such aspects of business as the sale of securities; marketing practices; product liability; and business relationships with employees, customers, and other interested parties. This course assists students in developing their ability to meet the legal and regulatory demands and responsibilities of business today.

Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/2/125, Mr McCarthy, 3 Credits,
Sched No 755015

MS 630
Statistical Analysis for Managers

●

Acquaints students with statistical techniques used in management decision-making and develops their ability to characterize management problems that can be solved by such techniques. Topics include descriptive statistics, probability distributions, sampling, estimation, hypothesis testing, simple and multiple regression and correlation, chi square testing, analysis of variance, and decision theory. Students make use of computers and appropriate software to apply what they are learning.
Prerequisite: MS 600.

Note: The fee for this three-credit course is $360.00.

Evening
June 1-July 15, MW
6:00-9:00pm, Harbor Campus
W/2/127, Mr Zahedi, 3 Credits,
Sched No 757702

MS 637
Operations Planning and Control

●

Provides comprehensive coverage of inventory and production systems and the use of quantitative techniques in solving managerial problems arising from the design, planning, and control of such systems. Topics include deterministic single-item models with static demand, decision systems for the case of probabilistic demand, lot sizing techniques, material requirements, planning and scheduling for continuous and intermittent systems, and project scheduling. Prerequisites: MS 635 and 640.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
W/1/053, Mr Papageorgiou, 3 Credits,
Sched No 757902

MS 640
Computer and Information Systems

●

Offers a comprehensive examination of computers and information systems in organizations. This course presents a review of modern information technologies and analyzes the role of management in the development of information systems. Major topics include computer technology, information and management, the information systems environment, participation in systems development, and the uses of information systems in management and systems planning. Some modules involve hands-on use of productivity tools.

Note: The fee for this three-credit course is $360.00.

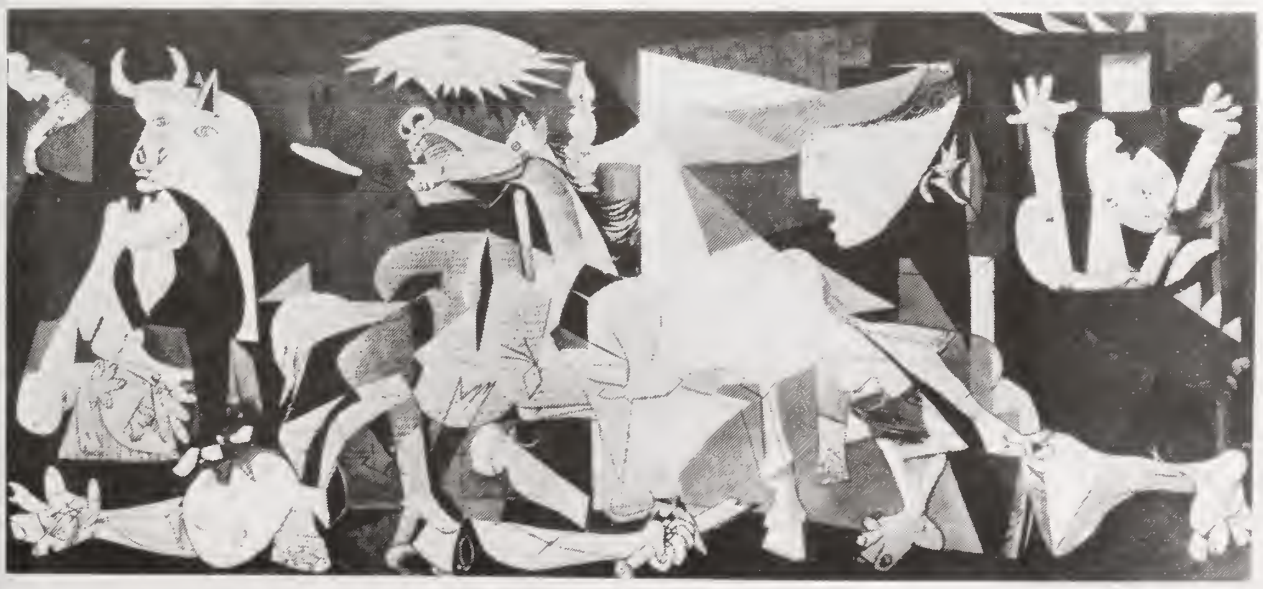
Evening
July 20-August 27, TuTh
6:00-9:00pm, Harbor Campus
W/2/127, Mr Chaudury, 3 Credits,
Sched No 758106

MS 646
Database Management Systems

●

Examines the goals and objectives of integrated databases, database design philosophies and models, and logical and physical designs. The course also presents an overview of the existing mainframe and micro software products, and methods of evaluating them. Finally, it addresses such database administration topics as security, recovery, query interfaces and performance measurement.
Prerequisites: MS 635 and MS 640.

Evening
July 20-August 27, MW
6:00-9:00pm, Harbor Campus
W/1/053, Mr Gutierrez, 3 Credits,
Sched No 758306



Why would a government bother to suppress an artist? Find out in Art 340 (page 6).

Graduate Courses (continued)

Computer Science

CS 624
Analysis of Algorithms
•
Basic techniques for designing algorithms: divide and conquer, the greedy method, dynamic programming, etc. Applications to searching and sorting algorithms. Complexity of parsing. The fast Fourier transform and its applications (evaluation of polynomials and arithmetical problems). Lower bound theory. NP-hard and NP-complete problems. Probabilistic estimates of algorithms.
Prerequisites: CS 310/Math 301 and CS 320/Math 330.

Note: The fee for this three-credit course is $360.00.

Evening
June 1-July 30, MTuTh
6:00-7:30pm, Harbor Campus
S/2/062, Mr Simovici, Lab Fee: $20.00, 3 Credits,
Sched No 723002

CS 630
Database Management Systems
•
Databases and database management systems. Physical database organization. The relational model. Relational algebra syntax and semantics. Relational calculus (tuple and domain oriented). Relational calculus versus relational algebra. INGRES and QBE. Query optimization. Non-relational systems (hierarchical and network DBMSs). *Distributed databases. Security aspects in databases.*
Prerequisites: CS 310/Math 301 and CS 320/Math 330.

Note: The fee for this three-credit course is $360.00.

Evening
June 1-July 30, MTuTh
7:45-9:15pm, Harbor Campus
S/2/062, Mr Simovici, Lab Fee: $20.00, 3 Credits,
Sched No 723202

CS 670
Artificial Intelligence
•
The application of the methods of artificial intelligence programming to state-of-the-art expert systems, advice-taking systems and natural language understanding software. The course is project oriented. Students work in teams developing a large system, and become familiar with major research journals.
Prerequisites: CS 350/Math 342, CS 470/Math 410, Math 470 or equivalent background in logic and LISP, and permission of the instructor.

Note: The fee for this three-credit course is $360.00.

Morning
June 1-July 30, MTuTh
10:00-11:30am, Harbor Campus
M/2/421, Mr Campbell, Lab Fee: $20.00, 3 Credits,
Sched No 723402

Related Special Program

Computer Science Summer Institute
•
The latest theory and technical developments will be covered during two non-credit seminars: "Highly Parallel Systems" and "Database Queries: Performance and Cost Issues". Please see p. 28 for information.

Come on, Shweethaht, how about signing up for AmSt 101 (page 5).

Counselor Training

Coun 607
Theories of Personality
•
This course is designed to lead to an understanding of the issues underlying the development of personality theory and personality constructs. The course looks at personality theory and at current research from three central perspectives: psychoanalytic theory, social learning theory, and cognitive development theory. Other topics include issues related to measurement, assessment, and validation.

Evening
June 1-July 1, MTuWTh
7:15-9:15pm, Harbor Campus
W/1/061, Mr Houser, 3 Credits,
Sched No 717350

Coun 608
Abnormal Psychology
•
A comprehensive view of abnormal behavior in modern times. The course makes use of the revised DSM III classification systems of mental disorders and examines patterns of abnormal behavior including neuroses, psychosomatic conditions, psychosis including affective disorders, schizophrenias, behavior in childhood and adolescence, seal dysfunctions, and drug abuse. There is, in addition, brief discussion of therapeutic treatments and their effectiveness.

Evening
June 1-July 1, MTuWTh
7:15-9:15pm, Harbor Campus
W/1/045, Ms Cody-Murphy, 3 Credits,
Sched No 717550

Coun 614
Counseling Theory and Practice I
•
The purpose of this course is to provide grounding in the commonalities of counseling techniques and practice in using various techniques. The course covers the essentials of interviewing, note taking, and report writing, and the role of diagnosis. Tapes and role playing are required.

Evening
June 1-July 1, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/048, Ms Cody-Murphy, 3 Credits,
Sched No 717750

June 1-July 1, MTuWTh
7:15-9:15pm, Harbor Campus
W/1/048, Mr Mahdavi, 3 Credits,
Sched No 717805

Coun 615
Counseling Theory and Practice II
•
A continuation of Counseling 614. This course considers such major theoretical approaches as dynamic, humanistic, behavioral, and others, including some non-traditional approaches, making use of tape recordings, films, written records of interviews, and role playing.
Prerequisite: Coun 614.

Evening
July 7-August 5, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/048, Ms Weinreb, 3 Credits,
Sched No 718009

Coun 616
Group Counseling and Group Dynamics
•
An introduction to group dynamics which uses the group process of the class to provide experience of group membership and data for interpretation. Participation as a group member is required. Readings and lectures build a cognitive base for evaluating the experiential learning.
Prerequisite: Coun 615.

Evening
June 1-July 1, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/042, Mr Houser, 3 Credits,
Sched No 718160

Coun 622
Family and Parental Counseling
•
This course examines theories of family dysfunction and treatment from a systems perspective including the dynamics of family interactions, development tasks of the family life cycle, communication and structural theory, systems inventories, and family interviewing skills training.
Prerequisite: Coun 615.

Evening
July 7-August 5, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/040, Mr Reusser, 3 Credits,
Sched No 718409

Coun 697a
Psychiatric Rehabilitation
•
This course is designed to address the rehabilitation of people with chronic psychiatric disorders such as schizophrenia and major affective conditions. Different philosophies and approaches to treatment of people with chronic psychiatric disorders will be presented. Additionally, topics covered will include assessment, treatment planning, and treatment for people with chronic psychiatric disorders.

Evening
July 7-August 5, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/042, Mr Houser, 3 Credits,
Sched No 718609

Coun 697b
Marriage Counseling and Therapy
•
This course offers an overview of the techniques, issues and concepts involved in treating couples. Classroom time includes work on both the designing and implementing of treatment strategies, and the development of each class member's competencies as a marriage therapist. Videotape examples, role playing, and small group exercises will be employed to acquaint each student with the practicalities of couples therapy.

Evening
July 7-August 5, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/029, Ms Marvin, 3 Credits,
Sched No 718809

Special Program: Critical and Creative Thinking

Each summer the Graduate Program in Critical and Creative Thinking offers a special series of courses for educational practitioners interested in incorporating critical and creative thinking skills into the educational process. Participants have the opportunity to work closely with UMass/Boston faculty and with leading experts from across the country. Major issues, theories, methods, and developments in the field are discussed, with special attention given to developing comprehensive and specialized curriculum, materials, and evaluation designs in the area of critical thinking which can be used during the upcoming school year.

All activities for this summer's program will take place at the Harbor Campus.

The fees for summer Critical and Creative Thinking courses are computed as follows:

One credit	$220.00
Two credits	350.00
Three credits	470.00
Four credits	590.00
Five credits	700.00
Six credits	800.00

Three-week, three-credit courses
July 13-July 31
•
CCT 601
Critical Thinking
•
This course will explore issues relating to the nature and techniques of critical thought, viewed as a way of thinking aimed at minimizing error and irrationality in our beliefs and attitudes. Views about observation and interpretation, reasoning and inference, and valuing and judging will be considered in this general context, with special reference to questions about how to help others develop the skills needed to do these things well, especially through our standard educational structures.

Please note special course fee schedule indicated above.

Morning
July 13-July 31, MTuThF
9:00am-12:00pm, Harbor Campus,
Mr Murray/Mr Millman, 3 Credits,
Sched No 719203

See "Location Key" on page 30 for a campus map and an explanation of building, floor, and room codes (e.g., M/3/618).

CCT 697a
Art, Geometry and Spatial Design

If you appreciate architectural constructions like Buckminster Fuller's domes or are fascinated by M.C. Escher's visually puzzling drawings, you will enjoy seeing art geometrically. This course explores geometric sculpture as an intriguing blend of mathematics, imagination, and art. Through visually-intensive presentations and hands-on constructions, we will learn fascinating and simply-understood images, concepts, and techniques for recognizing, constructing, and modifying spatial geometric structures.

Please note special course fee schedule indicated above.

Morning
July 13-July 31, MTuThF
9:00am-12:00pm, Harbor Campus,
Mr Wright, 3 Credits,
Sched No 719714

CCT 697b
Technology for Teaching
Hands-On-Minds-On Science

Building on theories of cognition and the experiences of two highly successful precollege science teachers, this course will explore some of the issues in the teaching of science, with an emphasis on how to encourage hands-on exploration, how to develop the necessary self-confidence, and how to encourage female and minority students.

Please note special course fee schedule indicated above.

Morning
July 13-July 31, MTuThF
9:00am-12:00pm, Harbor Campus,
Ms Smith/Ms Kittredge/Mr Veysey, 3 Credits,
Sched No 719803

CCT 697c
Teaching and Creativity: Achieving Potential

Participants will explore creativity — process, product, person, and environment — from many perspectives and will focus especially on discovery and development of their own creativity, in order to teach others more creatively.

Please note special course fee schedule indicated above.

Afternoon
July 13-July 31, MTuThF
1:00-4:00pm, Harbor Campus,
Ms Hopkins, 3 Credits,
Sched No 720000

CCT 697d
Reading, Writing and Thinking: Using Children's Literature to Enhance Thinking Skills Instruction

Using children's literature as a vehicle, this course looks at elementary instruction in reading, writing and thinking and how instruction in these areas is interrelated. Participants will develop frameworks and lessons integrating literacy with critical and creative thinking.

Please note special course fee schedule indicated above.

Afternoon
July 13-July 31, MTuThF
1:00-4:00pm, Harbor Campus,
Ms Cordeiro, 3 Credits,
Sched No 720200

Psych 650
Advanced Cognitive Psychology

A survey of the field of cognitive psychology from an information-processing viewpoint. This course considers how people encode, organize, transform and output information. Emphasis is given to such topics as concept formation, problem-solving, and creative thinking. Prerequisites: CCT 601 and CCT 602, or permission of instructor. Undergraduate psychology majors may take this course, with the permission of the instructor; it will count toward their major requirement as a 300- or 400-level course elective.

Please note special course fee schedule under Graduate Program in Critical and Creative Thinking.

Afternoon
July 13-July 31, MTuThF
1:00-4:00pm, Harbor Campus
W/1/052, Mr Schwartz, 3 Credits,
Sched No 775100

One-week, one-credit courses
July 13-July 17

CCT 697e
Humor and Thinking: Just Say Ho-Ho and the Laugh Supper

Exceptional uses of humor is what this course is cracked up to be! From the individual and interpersonal to the metacognitive and the medicinal, we'll take an invigorating look at how humor makes a difference. Exemplary findings are the basis for discovering and sharing how humor can play a significant role in our personal lives.

Please note special course fee schedule indicated above.

Morning
July 13-July 17, MTuThF
9:00am-12:00pm, Harbor Campus,
Ms Greenwald, 1 Credit,
Sched No 720400

CCT 697f
Integrating Critical and Creative Thinking

The participants will cooperatively produce an interdisciplinary unit of middle school curriculum incorporating certain Critical/Creative Thinking skills: problem-solving, decision-making and critiquing of values, while curriculum areas such as mathematics and science, reading and English and social studies and history will be covered.

Please note special course fee schedule indicated above.

Afternoon
July 13-July 17, MTuThF
1:00-4:00pm, Harbor Campus,
Mr Cooper-Wiele, 1 Credit,
Sched No 720466

One-week, one-credit courses
July 20-July 24

CCT 697g
The Logic of Riddles and Nursery Rhymes

The course will deal with the logical process by which riddles, rhymes, and various sorts of word-play are made and understood. The mental function which solves riddles is basic to the human understanding of all metaphor, so, in a sense, the course uses children's literature as an introduction to poetry, irony, and the interpretive process.

Please note special course fee schedule indicated above.

Morning
July 20-July 24, MTuThF
9:00am-12:00pm, Harbor Campus,
Ms Shaner, 1 Credit,
Sched No 720600

CCT 697h
Connectivity: Handle on Creativity and Imagination

This course will help teachers facilitate "creative leaps" in their classrooms. Emphasis is given to the process of invention, to metaphorical and visual thinking as an impetus for discovery making. Participants explore ways to nurture "the creative leap" through exercises on the use of pictorial story boards, fantasy, illusions, and invention.

Please note special course fee schedule indicated above.

Afternoon
July 20-July 24, MTuThF
1:00-4:00pm, Harbor Campus,
Mr Oakes, 1 Credit,
Sched No 720666

Evening Class
July 20-July 24

CCT 697i
Critical and Creative Thinking and Interpersonal Skills in Management

This course will explore the nature, techniques, scope and limits of critical and creative thought as it pertains to certain aspects of interpersonal communications and relationships in managerial situations. Emphasis will be put on the metacognition and paradigm shifts that are the trademark of successful managers. The student will explore the thinking of both manager and subordinate in this intensive look into what makes for a synergistic relationship in the workplace.

Please note special course fee schedule indicated above.

Evening
July 20-July 24, MTuWTh
6:00-9:00pm, Harbor Campus,
Mr Bousquet, 1 Credit,
Sched No 720800

One-week, one-credit courses
July 27-July 31

CCT 697j
Creative Imagination and Musical Performance

Using the diverse roles of the performing musician (craftsman, singer-poet, actor, rhetorician), as the central point of reference this course will confront some of the basic questions of musical aesthetics: 1) How and why does performance stimulate correspondences between creative and critical thinking? 2) In what specific ways does music signify, represent, and express, if it does so at all? 3) Can we overcome the problem of using words to describe a wordless activity? The instructor will demonstrate many concepts at the keyboard.

Please note special course fee schedule indicated above.

Afternoon
July 27-July 31, MTuThF
1:00-4:00pm, Harbor Campus
W/1/005, Mr Berman, 1 Credit,
Sched No 721004

CCT 697k
Decision Making, Values, and Dispositions

Making a sound decision about a heartfelt issue, such as abortion, affirmative action or "offensive speech," is not easy. Well-founded decisions involve the use not only of many critical thinking skills, but also of "dispositions" such as empathy and flexibility. In addition to providing a general framework for decision making, the course will focus on strategies which enhance understanding of diverse viewpoints and clarify key value decisions.

Please note special course fee schedule indicated above.

Morning
July 27-July 31, MTuThF
9:00am-12:00pm, Harbor Campus,
Ms Wolff, 1 Credit,
Sched No 721204

Practitioners Conference
July 22, 1992

This conference is an exciting opportunity to spend a day with colleagues interested in creativity and critical thinking while attending workshops given by leading experts in the field. This year's conference will focus on critical and creative thinking techniques and methods of assessment.

We are very proud to have Vito Perrone, director of teacher education and chair of teaching, curriculum, and learning environments at the Harvard Graduate School of Education as our keynote speaker.

Participants may enroll for this conference without enrolling in Institute courses for a fee of $50.00 (conference participants who are enrolled in Institute courses pay no additional fee).

Education (Elementary and Secondary)

Educ 610
Computers in Education

Introduction to how microcomputers work, including some hands on experience for both beginners and students with some experience in the use of microcomputers. This course contains a selected survey of current CAI computer literacy programs at the elementary and secondary levels, and of currently available educational software for microcomputers. Participants also explore the pedagogical issues raised by the use of microcomputers for students, teachers, and school administrators: consequences for learning, problem solving, organizing data, creativity, etc. Field research may require access to a microcomputer in a school setting.
Prerequisite: Permission of graduate program director. Please call Jean Phelan, Director, at the Graduate College of Education, 287-7625.

Note: The fee for this three-credit course is $360.00.

Evening
July 7-August 5, TuWTh
5:30-8:15pm, Harbor Campus
W/1/062, Ms Grinshpan, 3 Credits,
Sched No 727058

Educ 616
Applied Research in Mathematics

This course focuses on materials, curriculum, and techniques in the teaching of mathematics. Participants conduct research in mathematics curricula, and apply their findings to curriculum design and teaching.
Prerequisite: Permission of graduate program director. Please call Jean Phelan, Director, at the Graduate College of Education, 287-7625.

Evening
June 1-July 1, TuWTh
5:00-7:45pm, Harbor Campus
W/1/062, Staff, 3 Credits,
Sched No 727258

Educ 619
Designing Instruction: Science

This course explores techniques for teaching science concepts to students in grades K-6, examining materials and curricula currently being used. The course focuses on the development of participants' skills in science, and on the use of questioning methods that help develop higher level thinking skills in the young child. Participants have the opportunity to be both learners and instructors in a wide range of science activities.
Prerequisite: Permission of graduate program director. Please call Jean Phelan, Director, at the Graduate College of Education, 287-7625.

Evening
July 7-August 5, MTuWTh
5:00-7:00, Harbor Campus
W/1/044, Mr Parziale, 3 Credits,
Sched No 727458

Graduate Courses (continued)

Educ 621
Teaching Writing in the K-12 Classroom

•

This course deals with both the teacher of writing and the teacher as writer. Readings and presentations offer up-to-date information, theory, and practical techniques for teaching writing in all subject areas. Students meet regularly in writing response groups to work on their own writing and to respond to one another's writing. There are a number of guest lecture-demonstrations by elementary and secondary teachers who are teacher/consultants with the Boston Writing Project. The course combines writing process theory with practical methods.
Prerequisite: Permission of graduate program director. Please call Jean Phelan, Director, at the Graduate College of Education, 287-7625.

Afternoon
June 1-July 1, MTuWTh
3:00-5:00pm, Harbor Campus
W/1/060, Staff, 3 Credits,
Sched No 727658

Rdg 640
Reading in the Content Areas

•

(Course in Reading Required for Secondary Level Certification)

This course familiarizes participants with developmental reading techniques appropriate for students using various textual materials. Attention is given to the integration and application of reading and study skills in a number of content areas.
Prerequisite: Permission of graduate program director. Please call Jean Phelan, Director, at the Graduate College of Education, 287-7625.

Evening
June 1-July 1, TuWTh
5:00-7:45pm, Harbor Campus
W/1/052, Staff, 3 Credits,
Sched No 727858

Educ 644
Developmental Patterns in School Age Children

•

This course explores the development of the child from infancy to adolescence. Major emphasis is placed on the cognitive, psychological, and affective development of the child, and on how these affect the teaching/learning process.
Prerequisite: Permission of graduate program director. Please call Jean Phelan, Director, at the Graduate College of Education, 287-7625.

Evening
July 7-August 5, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/041, Mr Toto, 3 Credits,
Sched No 728052

Educ 697
Children's Literature for Classroom Teachers

•

This course is an overview of children's literature. It offers a basic acquaintance with authors, illustrators, and award-winning books appropriate for classroom use. Attention is given to materials that can help with vocabulary, comprehension, bibliotherapy and other areas, and to the use of trade books to teach reading.. The course is useful both for classroom teachers and for teachers specializing in learning resources and instructional development.
Prerequisite: Permission of graduate program director. Please call Jean Phelan, Director, at the Graduate College of Education, 287-7625.

Evening
July 7-August 5, TuWTh
5:00-7:45pm, Harbor Campus
W/1/052, Ms Gould, 3 Credits,
Sched No 728452

Educational Administration

Adm 627
The Law of Public Education

•

This course explores current legal concepts and practices which concern the rights, liabilities, duties, and responsibilities of all personnel employed by public schools and school systems. Particular attention is given to issues that may affect participants who are current or potential administrators and supervisors.

Evening
July 7-August 5, MTuW
4:40-7:30pm, Harbor Campus
W/1/045, Staff, 3 Credits,
Sched No 700826

Adm 646
Leadership Development

•

Concepts drawn from the behavioral sciences form the basis for leadership skill development. Participants engage in a series of leadership strategies in simulated situations that enable them to better understand, predict, and modify their own behavior and that of others in organizational settings.

Evening
June 1-July 1, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/044, Staff, 3 Credits,
Sched No 700860

English

Engl 697a
Shakespeare, the Politics of Criticism

•

Shakespeare is as much a cultural icon as a subject for literary study. His prestige and dominance in English studies result partly from a critical and historically specific function that he has come to play, a function that far exceeds the usual place of a writer or dramatist in a merely academic world. This course will examine the politics of bard-making and the counter-politics that, in contemporary research and criticism, would undo and refashion the role of the "bard" in a socially and politically contextualized perspective.
Prerequisite: Permission of graduate program director.

Evening
June 1-July 15, TuTh
5:00-8:00pm, Harbor Campus
W/1/043, Mr Divver, 4 Credits,
Sched No 734960

Instructional Design

InsDsg 614
Writing for the Business Professional

•

This course is designed to help participants develop effective writing. It provides both analysis of written documents and a theoretical review of professional writing techniques. Assignments emphasize the writing tasks typically required of training and development specialists in any organization. They include the design, assessment, marketing, and evaluation of instruction. Participants develop the skills for effective communication with those outside the organization, and those at all levels within it.
Prerequisite: InsDsg 601 or permission of graduate program director.

Evening
June 1-July 15, TuTh
6:00-9:00pm, Harbor Campus
M/2/207, Ms Ballou, 3 Credits,
Sched No 744507

School Psychology

SchPsy 604
Personality Assessment I

•

This course explores devices of a projective and semi-projective nature, especially those instruments applicable to school psychology and mental health clinics. Emphasis is given to an investigation of the projective aspects of the Wechsler Scales, surface projectives, sentence completion, and draw-a-person.

Evening
June 1-July 1, MTuWTh
5:00-7:00pm, Harbor Campus
M/2/616, Mr Hastings, 3 Credits,
Sched No 786107

SchPsy 606
Techniques of the Diagnostic Interview

•

This course introduces the use of the clinical interview in both clinical and educational settings. Emphasis will be placed on the integration of interview data with multiple data sources, including supplementary behavior observations, psychological test data, and history, and the use of the interview as a springboard for decision-making regarding the need for further diagnostic assessment and/or educational and treatment planning.

Evening
July 7-August 5, MTuWTh
5:00-7:00pm, Harbor Campus
M/2/616, Mr Colgan, 3 Credits,
Sched No 786307

SchPsy 608
Introduction to Rorschach

•

This course introduces the student to the theoretical and empirical foundations of the Rorschach Tests, and provides experience in administering, scoring and interpreting the test with children and adults in clinical and nonclinical settings. Students are also expected to take SchPsy 609 (Advanced Rorschach).

Evening
June 1-July 1, MTuWTh
7:15-9:15pm, Harbor Campus
M/2/616, Mr Hastings, 3 Credits,
Sched No 786507

SchPsy 610
Neuropsychological Theory and Practice in Education

•

This course examines neuropsychology, the study of brain and nervous system functions, in relation to adaptive behavior and learning, from a developmental viewpoint. The course looks at organismic versus specific localization theories relating to normal and dysfunctional conditions that affect moving, sensing, perceiving, assimilating, recalling, and expressing through diagnostic- prescriptive studies. Participants study learning abilities and disabilities from a neuropsychological perspective, which allows them to apply the analysis of learning styles to the implementation of individual instruction methods and education plans. Prerequisites: Coun 608 or SchPsy 602; and SchPsy 603.

Evening
June 1-July 1, MTuWTh
5:00-7:00pm, Harbor Campus
M/2/420, Mr Entwistle, 3 Credits,
Sched No 786707

SchPsy 697a
Practicum/Internship in School Psychology

•

Open only to certified school psychologists who wish to participate in a practicum/internship clinical experience for professional enrichment or enhancement, or to acquire CEU credits that can be applied for national certification or licensure credit. The course requires field work, to be supervised by a certified and/or licensed psychologist and University faculty.
Prerequisite: Permission of graduate program director.

July 1-August 5,
By arrangement, Harbor Campus,
Mr Cristiani, 6 Credits,
Sched No 787301

Special Education

SpEd 607
Behavioral and Classroom Management

•

This course identifies major theorists, techniques, and procedures for behavioral management in the classroom. Topics include observational recording skills, contingency contracting, and monitoring of behavioral progress. Emphasis is placed on using the candidate's teaching experience to implement behavioral management techniques effectively.

Evening
June 1-July 1, MTuWTh
5:00-7:00pm, Harbor Campus
M/2/417, Ms Goodale, 3 Credits,
Sched No 784309

SpEd 629
Consultation and Interpersonal Skills I

•

Students demonstrate an understanding of the principles involved in consultation and interpersonal skills. Intervention strategies and interviewing techniques will be stressed. Discussions include dynamics of the team process, road-blocks to communication and analysis of a school system, with subsequent in-service recommendations. Students have an opportunity to apply these learned skills while examining theory concurrently.
Prerequisite: SpEd 602, 607 and 624.

Evening
June 1-July 1, MTuWTh
5:00-7:00pm, Harbor Campus
W/1/061, Mr Toto, 3 Credits,
Sched No 784509

SpEd 630
Consultation and Interpersonal Skills II

•

The course focuses on implementing effective strategies in working with parents of exceptional children. Participants become sensitive to the issues of parenting a special needs student and learn to establish a collaborative relationship with parents that makes the best possible use of available resources.
Prerequisite: SpEd 629.

Evening
July 7-August 5, MTuWTh
7:15-9:15pm, Harbor Campus
W/1/061, Mr Toto, 3 Credits,
Sched No 784709

SpEd 633
Legal and Political Issues in Special Education

•

The field of special education is governed by laws (Chapter 766 and PL 94-142) and is thus subject to the political process. This course addresses the critical legal aspects of special education, through an in-depth review of legislation, regulations, and current practice issues. The major goal of the course is to clarify for special education teachers their obligations under the law, and to develop strategies for implementing the law with full compliance.
Prerequisite: SpEd 641.

Evening
July 7-August 5, MTuWTh
5:00-7:00pm, Harbor Campus
M/2/417, Mr Davis, 3 Credits,
Sched No 784909

SpEd 641
Developmental Patterns: Implications for the Special Educator

•

Participants study physical, cognitive, perceptual and psychological aspects of the developmental patterns of children and adults with special needs. The course focuses on the habilitation and rehabilitation programming of individuals with special needs within the regular school.

Evening
July 7-August 5, MTuWTh
5:00-7:00pm, Harbor Campus
M/2/419, Ms Kupperschmidt, 3 Credits,
Sched No 785103

Let's see, there's product, inventory, overhead... so much to remember. Seeking help? Turn to the wisdom of the profits, as found in MGT 130 (page 14).

Non-Credit Programs

The Auditor's Institute

A collaborative training program co-sponsored by the Division of Continuing Education and the Office of the State Auditor, the Institute is committed to providing persons interested in government and associated private-sector operations with the tools needed to promote the sound and efficient management of public resources.

The Institute welcomes requests for further information concerning its programs, as well as suggestions for new offerings. Further information about the Auditor's Institute is available from:

Jack Hughes
Division of Continuing Education
University of Massachusetts at Boston
Downtown Center
Boston, MA 02125-3393
617 287-7290

Graduate Test Preparation Courses

Developed in conjunction with the Office of Career Services, these review courses provide intensive classroom sessions covering all sections of each exam. Each course provides extensive exam practice including a full-length practice test given under exam conditions. These courses have been scheduled in advance of the dates of tests for which students are preparing.

Review for the June 6 Graduate Record Examination
•
April 28-June 4, TuTh
6:00-9:00pm, Harbor Campus,
Sched No 10000-52, Fee: $275.00

Review for the June 20 Graduate Management Admission Test
•
May 12-June 18, TuTh
6:00-9:00pm, Harbor Campus,
Sched No 10002-52, Fee: $275.00

Special Saturday Class
•
May 16-June 13, Sat
8:30am-1:30pm,
Sched No 10003-52, Fee: $275.00

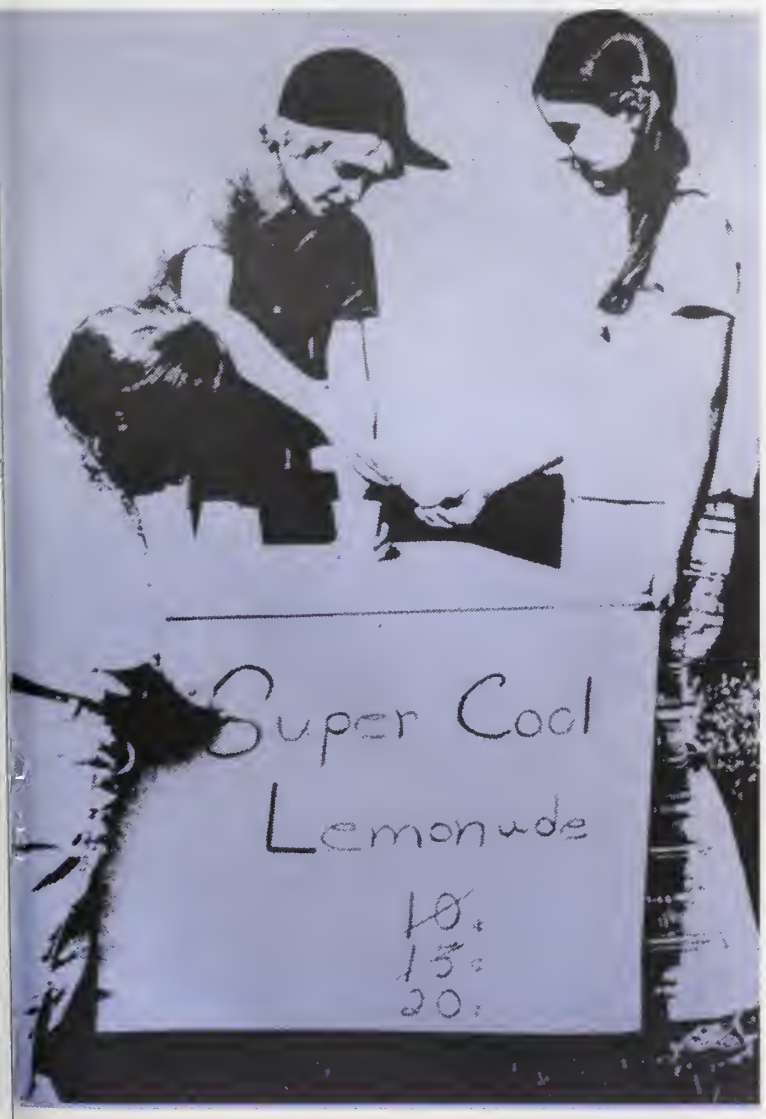
Review for the June 15 Law School Admission Test
•
May 5-June 11, TuTh
6:00-9:00pm, Harbor Campus,
Sched No 10001-53, Fee: $275.00

Partial refunds will be granted to students who withdraw from summer courses prior to the third class meeting. No refunds will be granted after the third class meeting. Please see "Refunds upon Withdrawal" on p. 4.

Special Workshop: Career Decision-Making

This workshop seeks to help new job seekers, as well as those who are re-entering the job market, changing careers, or looking for greater career satisfaction learn techniques for assessing their abilities and developing the practical skills necessary for sound career decision-making. Participants assess their skills, clarify their values, and explore their career options. They learn to set goals, balance expectations with reality, and understand the decision-making process. Practical skills are emphasized; participants apply learned skills to develop and act on their plans. Topics include writing resumes that generate interviews, and making the best possible presentation during an interview. Participants discuss networking — how it works, and why sometimes it doesn't. Persons at all levels of career experience and in any field can benefit from the processes and techniques taught in this workshop.

Evening
June 9-25, TuTh
6:00-9:00pm, Harbor Campus,
Ms McSorley,
Sched No 20950-61, Fee: $95.00



Microcomputer Workshops

These practical, hands-on workshops are designed to introduce new users to Macintosh or IBM-PC (or compatible) personal computers, or to build on previously acquired fundamental skills. Participants in these workshops have additional access to the microcomputer lab outside class time for self-directed practice on material covered during class.

Please note: These workshops are open to both matriculated and non-degree-seeking students. For students in UMass/Boston's College of Arts and Sciences, they may provide assistance toward CAS certification in computer competence.

Introductory Personal Computer Literacy
•
This workshop presents an overview of the IBM-PC (or compatible) operating system and introduces the novice to basic applications: word processing, spreadsheets, business graphics, database management, and communications. No previous microcomputer experience is required.

Morning
July 11,18,25, Sat
9:30am-1:00pm, Harbor Campus,
Mr DiGuardia,
Sched No 89995-61, Fee: $200 (plus $25 lab fee)

Introduction to WordPerfect on the IBM-PC
•
Basic word-processing skills using WordPerfect on the IBM-PC. Topics include creating, saving, and editing documents; use of insert, copy, move, delete, and spell-checking functions; formatting and printing files. Some advanced features, such as merge printing and macros, are covered, as time permits. No microcomputer or word processing experience is required, but participants should be familiar with the typewriter keyboard. Limited enrollment.

Evening
June 9-June 25, TuTh
6:00-8:30pm, Downtown Center,
Mr Butler,
Sched No 89998-61, Fee: $200.00 (plus $25 lab fee)

Introduction to Lotus 1-2-3 on the IBM-PC
•
An explanation of electronic spreadsheets using Lotus 1-2-3. Topics include creating, saving, retrieving, and printing arithmetic models (budgets, income/expense statements, grade lists) No PC or computing experience is required. Limited enrollment.

Evening
June 8,10,15,22,24,29, July 1, MW
6:00-8:00pm, Downtown Center,
Mr Kelly,
Sched No 89999-61, Fee: $200.00 (plus $25 lab fee)

Intermediate Lotus 1-2-3 on the IBM-PC
•
Exploration of sophisticated Lotus 1-2-3 features: creating and printing graphs, database applications, functions, table handling, and macros. Participants are expected to have completed Introduction to Lotus 1-2-3, or to be familiar with basic Lotus functions. Limited enrollment.

Evening
July 6-July 27, MW
6:00-8:00pm, Downtown Center,
Mr Kelly,
Sched No 89996-61, Fee: $200.00 (plus $25 lab fee)

Corporate and Promotional Communication

This non-credit certificate program is designed for anyone wishing to acquire or enhance the skills needed to create attractive and effective promotional and corporate communication materials. In conjunction with the University's Cooperative Education/Internship Office, the program offers real-life experience to participants who work on projects contracted by actual clients. In addition to providing the opportunity for skill development, the program provides participants with sample pieces for their portfolios and access to a network of potential employers.

The following course leading to the certificate is offered this summer:

Promotional Writing; Layout and Design
•
The course begins by covering the fundamentals of copyediting and proofreading for those whose goal is to produce a newsletter or other small publication. The course includes a review of basic English skills. Students will learn through practical exercises how to ensure clear, concise copy. The course goes on to cover the fundamentals of layout and design for such small publications. It will familiarize participants with typography and the integration of text and graphics. Participants will confer with an actual client on layout and design. Familiarity with PC word processing is recommended.

June 22-July 29, MW
5:30-8:30pm, Downtown Center,
1117, Mr McMillan/Mr Murphy,
Sched No 27060-61, Fee: $310.00 (plus $15 registration fee).

Participants seeking additional information about the program should contact:

Claire Taylor
University of Massachusetts at Boston
Division of Continuing Education
Downtown Center
Boston, MA 02125-3393
617 287-7290

Writer's Workshop

The William Joiner Center for the Study of War and Social Consequences sponsors a summer Writers' Workshop featuring noted writers. Instruction is provided in poetry, fiction, and drama. Participants develop and discuss their own work throughout the two-week workshop. Applicants with diverse interests and backgrounds are encouraged to apply. The faculty will include Larry Heinemann, Bruce Weigl, Wayne Karlin, Luis Nieves, and others. The 1992 workshop is scheduled for June 15-26.

For further information, please contact:

T. Michael Sullivan
Workshop Coordinator
William Joiner Center
University of Massachusetts at Boston
Harbor Campus
Boston, MA 02125-3393
617 287-5850

Computer Science Summer Institute

The Department of Mathematics and Computer Science of the University of Massachusetts at Boston is pleased to announce the 1992 Computer Science Summer Institute covering the latest theory and developments in two technical areas: "Highly Parallel Systems," and "Database Queries: Performance and Cost Issues." The seminars are led by faculty from UMass/Bosotn's Computer Science Department known not only for their research and publications, but for their many years of successful, practical experience in business and industry.

Each participant will receive a 400-page workbook containing copies of all the materials presented during the seminar. In addition, a textbook will be provided to supplement the presentations. To insure that participants have the necessary background to benefit fully from each day's presentation, suggested readings will be announced in advance of each day's topic.

Highly Parallel Systems
•
Who should attend: Those interested in developments in parallel computers, practical guidelines, and tools for concurrent programming and hardware and software integration tools.

Does your organization have the best solution for optimizing its processing needs? Is your company exploring or currently utilizing highly parallel processing systems? Professionals who are moving into this area need to understand the costs, tradeoffs, performance and other issues, in order to be well prepared before deploying such systems. This seminar will provide an understanding of highly parallel computing. A three-faceted approach considers 1) the foundations of parallel systems from a hardware point of view; 2) the software issues that are unique to parallel processing, including both system and application environments; and 3) the architectural evolution of parallel processing from the viewpoint of connection topologies, machine designs, and alternative organizations.

By examining the full range of interrelated decisions that go into designing parallel systems, specifically the evolution from uniprocessors to multiprocessors to highly parallel systems, the seminar provides a unique perspective that can imrprove the effectiveness of the technical manager.

Participants in this seminar should be familiar with programming environments. The course is designed to be self-contained; nevertheless, some programming background in a high-level language is desirable.

June 1-5, MTuWThF 9:00am-5:00pm, Harbor Campus, Mr Eckhouse/Ms Lucas, Sched No 89910-61, Fee: $595.00

Non-Credit Programs (continued)

Database Queries: Performance and Cost Issues

•

Who should attend: Dataprocessing managers and database programmers interested in efficiently integrating database management systems in business-oriented applications. This seminar is of special interest for database administrators who need to make informed comparisons between database systems.

This seminar will familiarize participants with SQL, the standard query language for relational databases; and will provide a better understanding of the interaction between operating systems and database systems, and of how this interaction affects the performance of the database system. After completing this seminar, participants will be able to make better decisions in selecting database systems and in designing database structures and queries.

Participants should come to this seminar having some familiarity with the capabilities and limitations of database management systems. Some programming background in a high level language is also necessary.

June 8-12, MTuWThF 9:00am-5:00pm, Harbor Campus, Mr O'Neil/Mr Simovici, Sched No 89900-61, Fee: $595.00

Participants seeking additional information about the program should contact:

Claire Taylor
University of Massachusetts at Boston
Division of Continuing Education
Downtown Center
Boston, MA 02125-3393
617 287-7290

Help for Small Business Owners

The Minority Business Assistance Center (MBAC) is part of a statewide system to improve the profitability of small business in Massachusetts. Services are provided in three areas: 1) management counseling on a one-to-one basis, free of charge; 2) information and referral services, free of charge; and 3) continuing education in the form of training programs, for a nominal fee. MBAC's office is on the twelfth floor of UMass/Boston's Downtown Center, which is located at the corner of Arlington and Stuart Streets in the Park Plaza area of Boston. The office is open daily Monday through Friday. For an appointment or more information, please call 617 287-7016.

The Massachusetts Small Business Development Center is a partnership of the U.S. Small Business Administration and the Executive Office of Economic Affairs through the University of Massachusetts at Amherst under the cooperative agreement #SB-2M-00040-12. The MSBDC is a resource of SBA's Business Development Service Network. The facility is handicapped accessible.

How to Register for Non-credit Courses

For your convenience, registration for continuing education courses is conducted primarily by mail or telephone. To register by mail for non-credit courses, use the form on this page. To register by telephone, you must charge fees to a MasterCard, VISA, or Discover account. The number to call is 617 287-7916. To avoid paying a $25.00 late fee, you must register at least one week before the course starting date.

Students who would rather register in person may do so at the Division of Continuing Education's office at the Harbor Campus (Wheatley Hall, second floor, room 203, side entrance) at the following times: M-Th, 8:30am-6:00pm; F, 9:00 am-4:00pm (Please note that cash payments can be accepted only at the Bursar's Office at the Harbor Campus (Quinn Administration Building, second floor; M-F, 9:00am-3:30pm). No matter how you register, you will receive written confirmation of your registration about a week before your course or program begins. If you have further questions, call us at 617 287-7900.

We encourage you to register early! Early registration helps assure that the course you want will be available when you need it.

Registration Form Non-credit courses

Please be sure to provide the numbers requested below. They are needed for coding purposes.

Social Security #: ___ ___ Date

Name

Last First Middle Initial

Address

No. & Street City State Zip

Daytime Phone: ( )

Date of Birth

Month Day Year

Evening Phone: ( )

Course Selections

Sched. No.	Title	Fee

MasterCard and VISA Only

The University of Massachusetts at Boston, Division of Continuing Education, will accept MasterCard or VISA for payment of fees. If you would like to make use of this service, please provide the information requested.

Account No.

Expiration Date

Student's Name (Print)

Student's Signature

Print name of person to whom card was issued if different from above.

If a student withdraws or a course is cancelled, the refund will be made only as a credit to the student's MasterCard or VISA account.

Note: when you use this form to register by mail, your cancelled checks will be your receipt. To register using company/agency purchase order, please call (617) 287-7916 between 9:00am and 5:00pm, Monday through Friday.

Payment $

Late Fee (if applicable) $25.00

Total Payment Enclosed $

Full payment must accompany all registrations.

Method of Payment

○ VISA ○ MasterCard

○ Check ○ Other

Make checks payable to University of Massachusetts—Continuing Education

Send checks and forms to:
Division of Continuing Education
Box NC
University of Massachusetts at Boston
Harbor Campus
Boston, MA 02125-3393

For Office Use

Rec'd: Date:

Batch: Bank No.:

Summer Activities and Services for Students

All summer session students paying service fees may participate in the following activities.

Academic Advising and Career Counseling

University Advising Center
McCormack Hall, third floor, room 625, 617 287-5500
M-Th, 8:30am-6:00pm; F 8:30-5:00pm; evening hours by arrangement.

Tutorial Services

College of Arts and Sciences
Office of Academic Support Programs
McCormack Hall, third floor, room 421, 617 287-6550
M-F 9:00am-5:00pm; evening hours by arrangement

College of Management
Office of Student Services
McCormack Hall, fifth floor, room 603, 287-7760
M-F 8:30am-5:00pm; evening hours by arrangement

Harbor Art Gallery

This student-run gallery exhibits professional and student work. It is located on the first floor of McCormack Hall.

Film Series

Popular contemporary and classic films are featured weekly. Pick up the schedule in the Student Life Office (Wheatley Hall, fourth floor, room 181) or watch for announcements in the Mass Media.

Lecture Series

Topical and controversial lectures are featured throughout the summer. Pick up the schedule in the Student Life Office (Wheatley Hall, fourth floor, room 181) or watch for announcements in the Mass Media.

Athletics

The Catherine Forbes Clark Athletic and Recreation Center (open M-F 10:00am-7:00pm, Sat-Sun 1:00-5:00pm) houses:

a swimming pool
gymnasium
a weight training area
combative and creative areas

There are courts for handball, racquetball, and squash in the gym on the first floor of McCormack Hall, and racquetball courts on the third floor of Wheatley Hall (interested students may sign up at the McCormack gym). An athletic field, eight tennis courts, and a softball field are available for student use. Organized activities are listed in a schedule available at the Athletics Office on the first floor of the Clark Center. Note: a current valid UMass/Boston ID is required for entrance to all University athletic facilities.

Sailing Program

Sailing instruction is offered from April 15 through October 15, Monday through Saturday 10:00am-7:00pm (weather and tide conditions permitting). Appropriate certification is awarded according to the level of proficiency achieved. Fifteen Mercury sailboats, five Lasers and eight rowing dories are available at the sailing dock, which is adjacent to the pump house near the Healey Library. For further information, please call 617 287-7833.

Discount Tickets

Tickets for sporting and cultural events are available at reduced prices through the Student Life Office (Wheatley Hall, fourth floor, room 181).

Mass Media

The student-run newspaper is published each Tuesday and is available at various locations on both campuses.

WUMB

UMass/Boston's radio station operates at 91.9 on the FM dial and features a varied format of music and public affairs programming.

Concerts

Indoor and outdoor concerts are offered by the Student Life Office. For a full schedule, visit the office in Wheatley Hall, fourth floor, room 181, or watch for announcements in the Mass Media.

Recreation

Video games and pool tables are available in the Recreation Room located in Wheatley Hall, fourth floor, room 150.

Admissions Seminars

General sessions at the Harbor Campus, in the Admissions Office Conference Room, first floor, Quinn Administration Building: Mondays, 3:00pm; Wednesdays, 5:30pm; Thursdays, 9:30am. Guided tours of the campus leave from the Admissions Office immediately following the Monday and Thursday information sessions. Please call 617 287-6100 to confirm the date and time of any tour or session you wish to attend.

Sessions at the Downtown Center (for those interested in applying to the College of Public and Community Service): Tuesdays, at 9:00am and 6:00pm, in room 907. No prior registration is necessary. These sessions begin on time, and are one hour long. There are no sessions on holidays.

Health Promotion

The Health Promotion Program will offer the following workshops and drop-in information/referral services during the summer:

diet and weight management daily weigh-in
smoker's liberation group
smoker's liberation drop-in/self-help
stress management workshops
AIDS information

For more information please contact the Health Promotion Program at the Harbor Campus, McCormack Hall, first floor, room 613, Monday-Friday, 9:00am-4:30pm, 617 287-5685.

PRIDE Program

The *PRIDE* Program will offer a series of workshops and films concerning issues relating to alcohol and other drug abuse. If you or someone you know would like information or assistance about an alcohol or drug problem, please contact the PRIDE Program at the Harbor Campus, McCormack Hall, second floor, room 414, Monday-Friday, 9:00am-4:30pm, 617 287-5680.

Summer Student ID Cards

ID cards are required for the use of such facilities as libraries and the Clark Athletic Center. They may be obtained at the Harbor Campus through the Office of Student Life (Wheatley Hall, fourth floor, room 178) Monday through Thursday, from 9:30am to 12:00 noon, and from 1:00 to 4:00 pm. During the first two weeks of each session, the office is also open from 5:00 pm to 6:00 pm.

Students must present a driver's license or other form of positive identification when requesting their ID Card. The charge is $2.00. UMass/Boston students who have currently valid ID cards need not obtain summer ID cards.

Important Offices and Locations

Continuing Education Office

Harbor Campus

Wheatley Hall, second floor, room 203, 617 287-7900, FAX 617 287-7922, M-Th, 8:30am-6:00pm; F, 9:00am-4:30pm

The Division of Continuing Education is responsible for the planning and supervision of the summer sessions. Although actual registration takes place at the Summer Session Registration Center, the Continuing Education Office is set up to distribute information and resolve problems.

The Division on behalf of the University community welcomes to summer study both UMass/Boston students and students visiting from other institutions. We hope that you find your course work challenging and rewarding. We will make every effort to insure that the administrative and procedural aspects of your experience are as efficient and trouble-free as possible. We welcome any comments or suggestions. We are:

Theresa A. Mortimer, Associate Provost for Continuing Education and Extended Day

A. Collins Jenko, Associate Director, Division of Continuing Education

Division of Continuing Education staff: Mary Butler, Mary Lang Crumlin, Kathleen Cunniff, Kathleen FitzPatrick, Burton Holmes, Jack Hughes, Lucille Kallman, Janice Kinahan-Delosh, Ann Holt, Joe Lally, Vivian Moss, Gladreca Quarles, Joan Reynolds, Malisa Roberts, Claire Taylor, Katherine Toomey, Wanda Willard. Graduate Assistant: Wali Quasem. Student interns: Janine Carney, Andrea Carty, Leonor Ode Henriques, Tenzin Lhundup, Cathy Liu, Valerie Ann Matthews, Braulio Mazariegos, Mary McDonagh, Michele McPhee, Maureen Moran, Tanya Dtt, Mary Pierce, Andre Rouse, Marta Ruizdelaprada, Michelle Scardina, Sophia Teller, Kathleen Weiand, Beverly-Ann Williams.

Office of Registration and Records

Harbor Campus
Quinn Administration Building, first floor, 617 287-6200 MW, 8:00am-6:00pm; TuTh, 8:00am-5:00pm; F, Closed

Office of Student Financial Management

Harbor Campus
Quinn Administration Building, first floor, 617 287-6300 MW, 8:30am-6:00pm; TuTh, 8:30am-5:00pm; F, Closed

The Student Financial Management Office provides assistance in the processing of grants, scholarships, loans, and College Work-Study awards. It is also responsible for the coordination of all student employment on campus.

Student loans for the summer session are available to all UMass/Boston students enrolled in an eligible degree or certificate program. Students should call or visit the Student Financial Management Office in April for further details. All other students should explore aid possibilities with the financial aid offices at their own institutions.

Educational benefits offered through the Veterans Administration may be used during the summer session. Veterans should contact the Office of Veterans Affairs for a determination of their eligibility.

Disabled Student Center

McCormack Hall, first floor, room 401, 617 287-7430 or TDD 287-1960 M-F, 8:30am-5:00pm; other hours by arrangement.

The Disabled Student Center provides a full range of support services including: note taking, reading on tape, interpreting for students who are deaf, administering exams with accommodation to disability, counseling, and more. All students with disabilities and the entire University community are welcome to visit the Center and inquire about our many services and resources.

Adaptive Computer Lab

Healey Library, Lower Level, room 019, 617 287-5227 M-Th, 9:00am-8:00pm; F, 9:00-5:00pm, S 12:00noon-4:00pm; other hours by arrangement. For more information, call 617 287-5227.

The Adaptive Computer Lab provides computer access for students, faculty, and staff with disabilities.

Child Care Center

Harbor Campus
270 Mount Vernon Street (Harbor Point), 617 287-6195 M-F, 8:00am-5:00pm

Downtown Center
second floor, room 226, 617 287-7399 M-F, 8:00am-5:00pm

If space allows, child care is available to summer students at UMass/Boston. The child care program is operated by trained personnel; a subsidized fee scale determines charges. Children between the ages of 18 months and 6 years are eligible.

Bookstore

Harbor Campus
Quinn Administration Building, UL (Upper Level), 617 287-5090 M-Th, 8:30am-6:00pm; F, 8:30am-5:00pm

Bessie. Bird.

This American gift to the world has been forged from pain and joy. You know what it is. To find out more about it, see Music 251 (page 16).

Library Collections

The University Library contains approximately 500,000 volumes and currently subscribes to more than 3,700 popular and scholarly periodicals. The main library, the Joseph P Healey Library, is centrally located on the Harbor Campus plaza, easily accessible from the catwalk that connects all buildings on campus. A special library collection in the University's Downtown Center serves students and faculty members at the College of Public and Community Service. Its holdings are concentrated in the areas of psychology, sociology, law, and political science. All of these materials are available for use by students and faculty during the summer sessions.

Cafeterias

Harbor Campus
Quinn Administration Building, UL (Upper Level)
McCormack Hall, third floor

Downtown Center, first floor

Wit's End Cafe
Harbor Campus
Wheatley Hall, third floor, room 116, 617 287-7987

Gourmet coffee, cappuccino, and espresso. Also pastries, juices, and herbal teas.

Veterans Affairs Office

Harbor Campus
Wheatley Hall, fourth floor, room 019, 617 287-5875
M-F, 8:30am-5:00pm

The Veterans Affairs Office assists all veterans in obtaining their educational benefits, and helps them to resolve related problems.

Parking

Parking is available at the Harbor Campus in two underground garages, designated LL (lower level) and UL (upper level), as well as in an outside lot. Operators of all vehicles, except motorcycles, must pay $3.00 per day to park on campus (motorcycles: $1.50 per day). Discount tickets authorizing ten days' parking are also available at the parking booths for $25.00 (cars) or $12.50 (motorcycles).

Public Transportation

Free and frequent shuttlebus service is provided between the Harbor Campus and JFK/UMass (formerly Columbia) Station on the MBTA Red Line. Buses following MBTA Route 16B also stop at the Harbor Campus. The Downtown Center is within a short distance of the Arlington stop on the Green Line. A free shuttlebus service connects the two campuses.

Health Services

The University Health Service offers outpatient medical care, counseling, health eduction, and mental health programs for all enrolled students. Students may be seen by appointment or on a walk-in basis. The Medical Service provides unlimited medical visits, gynecological care, health counseling, routine laboratory work, minor surgery, dental screening/consultation, and referrals when necessary. The Mental Health/Counseling Service provides personal growth counseling, crisis intervention, as well as information, counsultation and referral, and walk-in emergency services. The Health Promotion Program supports the clinical efforts of the Health Service and promotes responsible health consciousness throughout the University community by sponsoring workshops, drop-in information/referral services and special events. The PRIDE Program is designed to promote responsible decision making relative to the use of alcohol and the absence of use of other drugs through workshops, drop-in information, and special events.

Medical Service

•
Main Facility (General Information)
Harbor Campus, Quinn Administration Building, second floor, room 040, 617 287-5660
Summer session hours: M-F, 9:00am-4:30pm

Mental Health and Counseling Service

•
Main Facility
Harbor Campus, Quinn Administration Building, second floor, room 042, 617 287-5690
Summer session hours: M-F 9:00am-4:30pm

Health Promotion Program

•
Harbor Campus, McCormack Hall, first floor, room 613, 617 287-5685
Summer session hours: M-F 9:00am-4:30pm

PRIDE Program

•
Harbor Campus, McCormack Hall second floor, room 414, 617 287-5680
Summer session hours: M-F, 9:00am-4:30pm

Co-op and Internship Program

UMass/Boston students with thirty degree credits can earn three credits for paid or unpaid internship or Co-op work experiences during the summer. Those interested in further information should call or visit the University Advising Center: McCormack Hall, third floor, room 625, 617 287-5500; M-Th, 8:30am-6:00pm; F, 8:30am-5:00pm.

Harbor Campus Map, Location Key, and Travel Directions

Location Key

Harbor Campus

•

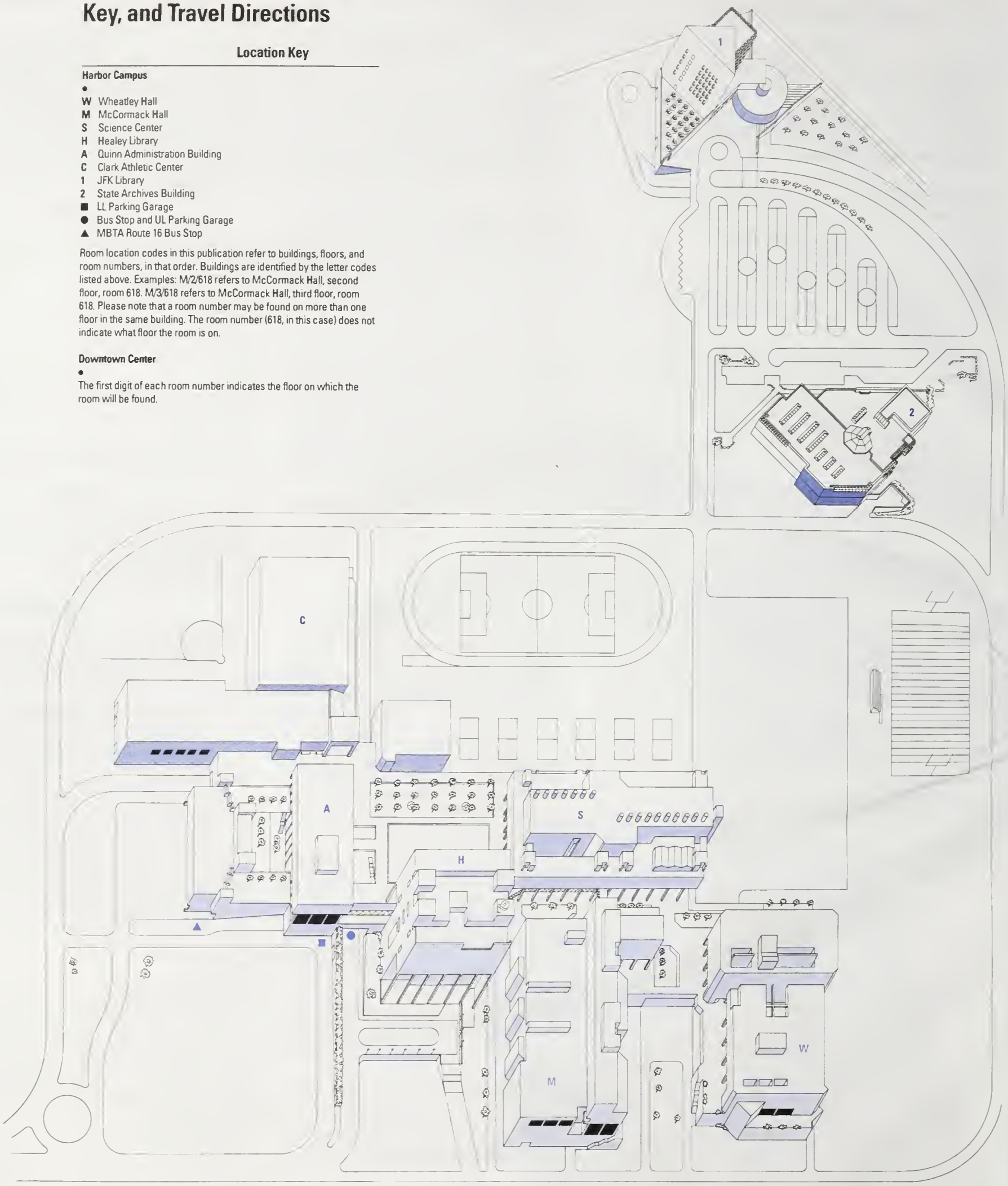
W Wheatley Hall
M McCormack Hall
S Science Center
H Healey Library
A Quinn Administration Building
C Clark Athletic Center
1 JFK Library
2 State Archives Building
■ LL Parking Garage
● Bus Stop and UL Parking Garage
▲ MBTA Route 16 Bus Stop

Room location codes in this publication refer to buildings, floors, and room numbers, in that order. Buildings are identified by the letter codes listed above. Examples: M/2/618 refers to McCormack Hall, second floor, room 618. M/3/618 refers to McCormack Hall, third floor, room 618. Please note that a room number may be found on more than one floor in the same building. The room number (618, in this case) does not indicate what floor the room is on.

Downtown Center

•

The first digit of each room number indicates the floor on which the room will be found.



Travel Directions

Harbor Campus

•

The Harbor Campus is only three miles from downtown Boston and is easily accessible by public or private transportation. From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass/Boston sign. Proceed past the Boston Globe building. Turn left into the campus. From the south: Take the Southeast Expressway to exit 14 (near the Boston Gas tanks). Follow Morrissey Boulevard northward to the campus. Parking is available in two underground garages. Operators of all vehicles, except motorcycles, must pay $3.00 per day to park in a garage (motorcycles: $1.50 per day). Discount tickets authorizing ten days' parking are also available at the parking booths for $25.00 (cars) or $12.50 (motorcycles). On the MBTA: Take the Red Line to JFK/UMass (formerly Columbia) station. Transfer to the free University shuttle bus in the T parking lot.

Downtown Center

•

The Downtown Center is at the corner of Arlington and Stuart Streets in Park Plaza (formerly Park Square), Boston, within a short distance of the Green Line Arlington stop.

6 Ways to Learn More About UMass/Boston

1. **Come to an information session.** Information sessions for prospective undergraduates take place at our Harbor Campus Mondays at 3:00pm, Wednesdays at 5:30pm, and Thursdays at 9:30am. (Come to the Undergraduate Admissions Office, first floor, Quinn Administration Building.) Fall enrollment in some undergraduate degree programs may be available. To find out, call our Office of New Student Services at 617 287-6000 (TTY/TDD, for hearing-impaired users: 617 287-6010).

2. **Take a guided tour.** Tours of the Harbor Campus leave from the Undergraduate Admissions Office Mondays at 4:00pm and Thursdays at 10:30.

3. **Attend a CPCS Admissions Seminar.** Seminars for people who are interested in our College of Public and Community Service take place Tuesdays at 9:00am and 6:00pm in room 907 at the Downtown Center, the home of CPCS, at Arlington and Stuart Streets in Park Plaza.

4. **For information about off-campus and Saturday courses, and other activities sponsored by our Division of Continuing Education, call 617 287-7900.**

5. **Call the Office of New Student Services with any questions you may have about attending UMass/Boston. The number to use is 617 287-6000 (TTY/TDD, for hearing-impaired users: 617 287-6010).**

4. **Send us this coupon. We'll be glad to respond.**

Return to:
The Office of New Student Services
University of Massachusetts at Boston
Harbor Campus
100 Morrissey Blvd.
Boston, MA 02125-3393

Name

Number and Street

City, State, Zip

Month and Day of Birth (for coding only)

Program of Particular Interest

Please Note!
Before coming to an information session or CPCS seminar, please call 617 287-6000 to confirm the schedule. To reach the Harbor Campus by car, take the Southeast Expressway to exit 14 (northbound) or exit 15 (southbound) and follow the signs. On the MBTA, take a Red Line train to JFK/UMass Station and ride our free shuttlebus the rest of the way. The Downtown Center is a short walk from the Arlington stop on the Green Line.

Modern dance pioneer Martha Graham. Her work and that of others early in this century created an entirely new form of dance: To experience it you can sign up for ThrArt 2232 (page 22).

Academic Programs at UMass/Boston

Undergraduate and graduate programs at UMass/Boston are supported by the University's five academic units: the College of Arts and Sciences, the Graduate College of Education, the College of Management, the College of Nursing, and the College of Public and Community Service.

College of Arts and Sciences

Major Degree Programs
Anthropology*
Anthropology and History
Art
Biology*
Biology and Medical Technology
Black Studies*
Chemistry*
Classical Studies*
Computer Science
Economics*
Engineering Physics
English*
Ethics and Social and Political Philosophy
French*
Geography*
German*
Greek
Greek and Latin
History*
Italian*
Latin
Mathematics (Pure or Applied)
Music*
Philosophy*
Philosophy and Public Policy
Physics*
Political Science*
Psychology*
Psychology and Sociology
Russian*
Sociology*
Spanish*
Theatre Arts*
Women's Studies*

*Students in the College may minor in these disciplines, and also in management.

Programs of Study
Alcohol and Substance Abuse Studies*
American Studies
Biobehavioral Studies
Biology of Human Populations*
Communication*
Computer Science*
Creative Writing*
East Asian Studies
Engineering
Health Care Studies*
International Relations*
Irish Studies
Latin American Studies
Linguistics
New England Historical Archaeology*
New England Prehistoric Archaeology*
Professional Writing*
Public Policy*
Study of Religion
Technical Writing*
Translation (Spanish; summer only)*
Women's Studies**

*Open to non-matriculated students.
**Open only to non-matriculated students.

Special Course Groupings
Armenian Studies
Chinese Language and Literature
Honors
Humanities
Interdisciplinary Studies
Japanese Language and Literature
Portuguese Studies

College of Management

Concentrations
Accounting
Corporate and Public Management
Decision Sciences
Entrepreneurship and Small Business Management
Finance
Human Resources Management
Management Information Systems
Manufacturing Operations Management
Marketing
Public Financial Management
Service Operations Management

College of Nursing

Major Programs
Nursing
Nursing for RNs
Human Performance and Fitness*

*Majors may concentrate in exercise physiology, athletic training, or teacher preparation (K-9 and 5-12). The College also offers minors in coaching, human performance and fitness, and teaching human performance and fitness in the elementary classroom.

College of Public and Community Service

Career Concentrations
Adult Training and Development
Community Energy Planning*
Community Planning
Community Planning and Management
Community Service Management
Criminal Justice and Public Safety
Gerontology*
Human Services
Human Services Advocacy
Labor Studies*
Legal Education*
Management of Human Services
Management of Legal Institutions

*Open to non-matriculated students.

Teacher Preparation
Students interested in teaching careers may enroll in the College of Arts and Sciences, the Human Performance and Fitness Division of the College of Nursing, or the College of Public and Community Service. These students choose a major from those listed above; additional course work in education will be provided through which they can prepare for certification at the elementary and secondary levels.

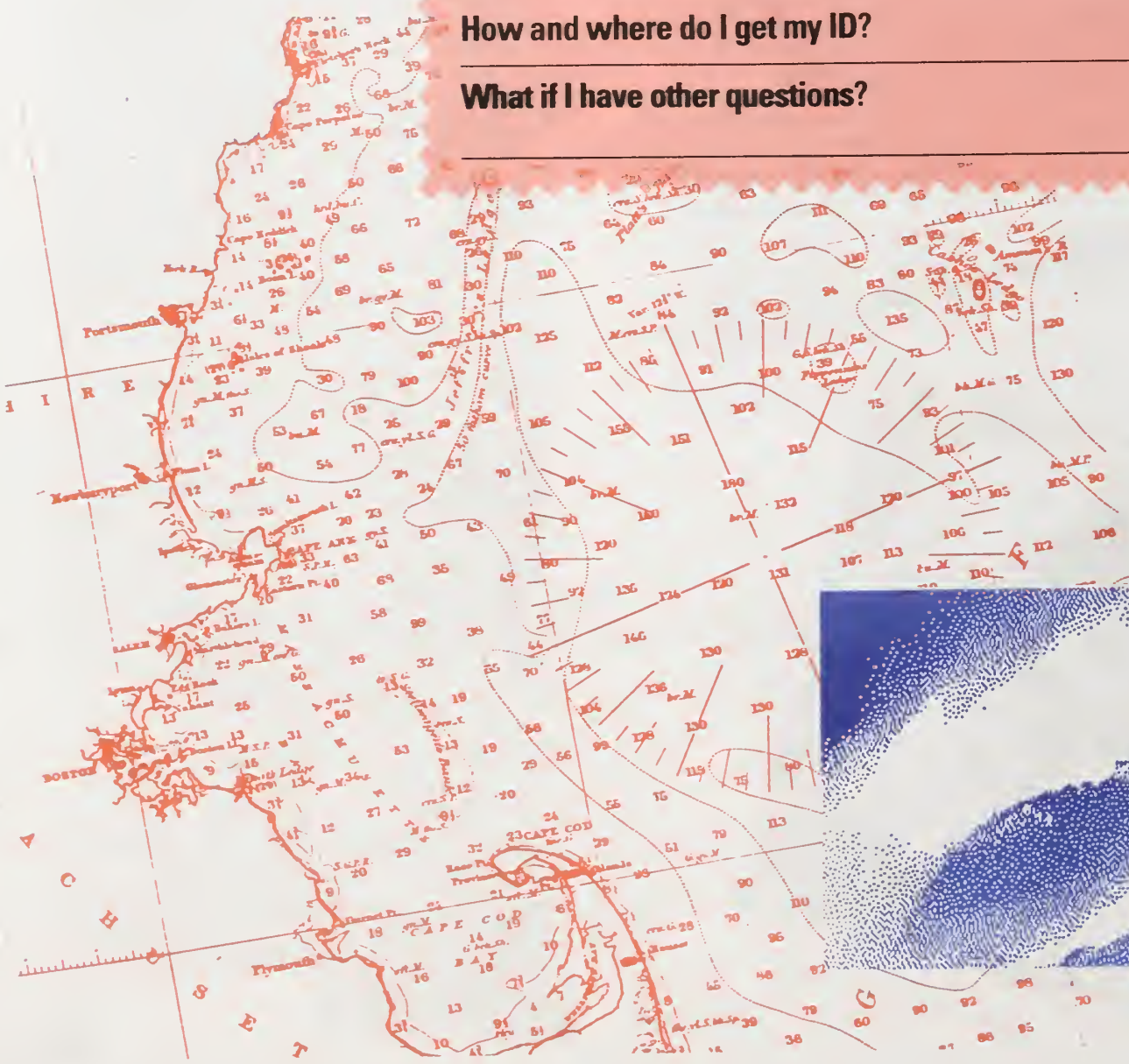
Graduate Studies

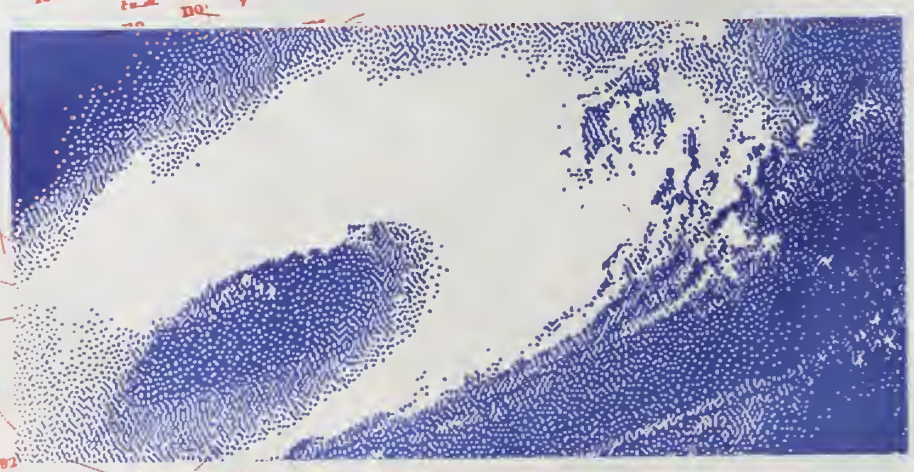
Programs and Tracks of Study
American Civilization (MA)
Bilingual Education (MA)
Biology (MS)
Biotechnology and Biomedical Science (MS)
Business Administration (MBA)
Chemistry (MS)
Clinical Psychology (PhD)
Computer Science (MS)
Counselor Training (MEd, CAGS)
Critical and Creative Thinking (Certificate, MA)
Dispute Resolution (Certificate)
Education (Elementary and Secondary) (MEd)
Education/Higher Education (EdD)
Education/Urban School Leadership (EdD)
Education/Teacher Certification (MEd)
Educational Administration (MEd, CAGS)
English (MA)
English/Composition (MA)
English as a Second Language (MA)
Environmental Sciences (MS, PhD)
Environmental Sciences/ Environmental Biology (PhD)
Gerontology (PhD)
History (MA)
History/Archival Methods (MA)
History/Historical Archaeology (MA)
Human Services (MS)
Instructional Design (MEd)
Nursing (MS)
Physics — Applied (MS)
Public Affairs (MS)
Public Policy (PhD)
School Psychology (MEd, CAGS)
Sociology — Applied (MA)
Special Education (MEd)

Questions and Answers

		Page
How do I get there?	See Campus Map and Travel Directions	**30**
How much does it cost?	See Summer Session Courses: Registration, Fees, and Payments	**3**
What hours is your office open?	See Important Offices and Locations	**29**
How do I find my way around?	See Location Key	**30**
What do I need to know about registration?	See Summer Session Courses: Registration, Fees, and Payments	**3**
Am I eligible for a course fee waiver?	See Summer Session Courses: Registration, Fees, and Payments	**3**
How soon can I register (or how late)?	See Summer Session Courses: Registration, Fees, and Payments	**3**
How can I be sure to get the courses I want?	See Summer Session Courses: Registration, Fees, and Payments	**3**
How do I register by mail? by telephone? by fax?	See Summer Session Courses: Registration, Fees, and Payments	**3**
What are the Core and distribution requirements, and do they apply to me?	See Summer Session Courses: Registration, Fees, and Payment	**4**
If I drop a course, do I get a refund?	See Summer Session Courses: Registration, Fees, and Payments	**3**
What room does this class meet in?	See scheduling note after each course description	
What is the Math Diagnostic (Placement) Test (also why, when, where?)	See Math Diagnosis	**16**
Can I take Management courses if I am not in that program?	See note under Management	**14**
How and where do I get my ID?	See Summer Activities and Services	**29**
What if I have other questions?	If you can't find the answers inside, call us at 617 287-7900. We'll do our best to help.	

Trying to find your way around? The best place to start is the academic calendar on page 3.





UMass Boston

Publications Office